



STATE OF WASHINGTON

DEPARTMENT OF AGRICULTURE

P.O. Box 42560 • Olympia, Washington 98504-2560 • (360) 902-1800

Registration for Materials used in Organic Food Production and Handling

Applying for Registration

Enclosed is an application for the registration of materials with the Washington State Department of Agriculture (WSDA) Organic Food Program. The WSDA has created a list of brand name materials that may be used in organic food production. This list, the Brand Name Materials List (BNML) is mailed to all certified organic producers, processors, and handlers certified by the Washington State Department of Agriculture Organic Food Program. The BNML assists organic producers, processors, and handlers, determine approved materials for use in organic production, processing and handling. All materials manufactured and/or distributed within Washington State that comply with organic standards may be registered with the WSDA Organic Food Program.

Registering Brand Name Materials

Before completing the application, please read *How the National Organic Program Final Rule Effects Applicants to the WSDA Brand Name Materials List*. Applicants of materials that contain compost, compost feedstocks, compost tea, manure, mulches, yard waste, green mulch, and other materials that are susceptible to contamination by clopyralid should read: *Additional Requirements for Products Containing Compost & Manure*.

Application Fees (WAC 16-160-070)

1. Pesticides, spray adjuvants, processing aids, post harvest materials.

- Renewal Applicants
Fees are \$200 per material.
NOTE: A \$30 late fee must accompany applications postmarked after October 31st.
- New Applicants
Fees are \$300 per material.

2. Fertilizers, soil amendments, compost, organic waste derived material, crop or livestock production aids.

- Renewal Applicants
Fees are \$100 per material.
NOTE: A \$30 late fee must accompany applications postmarked after October 31st.
- New Applicants
Fees are \$200 per material.

A separate application must be completed for each material being registered.

The WSDA Organic Food Program reserves the right to conduct an inspection. This may include a survey of required records, examination of facilities, testing representative samples for prohibited materials, and any other information or additional inspections deemed necessary to verify compliance with Chapter 16-160 WAC. **All inspections will be billed at a rate of \$40 an hour plus mileage, which will be charged at the rate established by the state office of financial management.**

If the WSDA Organic Food Program determines that a sample of the material is required for registration, you will be charged for the sample at a rate established by the laboratory services division of the department of agriculture.

Process for the Registration of Materials with the WSDA Organic Food Program:

- 1) Read the document entitled Materials Approved for Use in Organic Production and Handling. Determine if your product's ingredients are on one of the material lists that accompany this document.
 - a) Review the National Organic Program National List to verify that all of your ingredients, both active and inert, are listed. When an ingredient has restrictions listed next to it, you must provide adequate documentation to verify that your ingredient is compliant with the restrictions. If you cannot find the ingredient on the National List proceed to section 1b, your ingredient may be an unlisted natural ingredient.
 - b) Review the WSDA Generic list to see if your ingredient is on this list and if there are restrictions listed please provide adequate documentation.
 - c) To determine whether brand name products used as ingredients in your material are approved, first look on the BNML to see if the brand name ingredient is listed.

If it is not on the BNML, a Confidential Statement of Formula (CSF) and a *Material Safety Data Sheet* (MSDS) must be submitted for each trade name ingredient. For example, "Joe's Insect Killer" applies for organic registration on the BNML and lists Azadirachtin (Neem Oil), Ethanol, and STENOSOLVE 431 on the CSF section of the application. The ingredient STENOSOLVE 431 is a trade name ingredient. A CSF and MSDS for this ingredient must be sent as supporting documentation for the registration.

Due to confidentiality, suppliers of trade name ingredients frequently will not provide a CSF directly to the BNML registrant; however, they will send it directly to the WSDA office because trade secrets are confidential and exempt from public disclosure under the Uniform Trade Secrets Act - 19.108 RCW. We suggest the following guidelines when submitting the required CSF and MSDS in support of trade name ingredients in the brand name material:

- I. Contact the manufacturer of the trade name ingredient and explain that you are registering your material with the WSDA and that a CSF and MSDS are needed in order to make a determination as to whether the material meets organic standards.
- II. In order to track ingredients for material registration, information must be sent **IN CARE OF - YOUR COMPANY NAME** and **YOUR MATERIAL NAME** to the following address:

Washington State Department of Agriculture
Organic Food Program
PO Box 42560
Olympia WA 98504-2560

NOTE: Registration delays may occur if the submitted information is not clearly labeled with both your company name and material name.

- 2) Using the Organic Materials Review Institute's (OMRI) brand name and generic material lists to source ingredients: The NOP final rule has standardized the review criteria of materials based upon the National List. The Organic Materials Review Institute (OMRI) claims that both of their generic and brand names lists are compliant with the NOP standards. Their web site is www.omri.org. The WSDA has generally recognized OMRI's materials lists as acceptable for use in organic production in Washington State.
- 3) Complete the *Full Disclosure of Ingredients* section of the application.
 - a) Include both the commonly accepted chemical name and the trade name.
 - b) Include the Chemical Abstract Service (CAS) registry numbers for all ingredients if possible. You must list *all* ingredients. The PERCENT BY WEIGHT column must total 100%.
- 4) Submit a current label.
- 5) Enclose the correct fee for each material.
- 6) The WSDA Pesticide Management Division is responsible for regulating the labeling and distributing of all commercial pesticides and fertilizers within Washington State. Be aware that there are brand name

materials other than pesticides and fertilizers that must be registered with the WSDA Pesticide Management Division because of claims made on product labels.

To determine if your material needs to be registered with the WSDA Pesticide Management Division, contact Debbie Tejeda at (360) 902-2025 for fertilizer registration or Jennifer Watson at (360) 902-2030 for pesticide registration. You can also visit their web site at <http://www.wa.gov/agr/default.htm>.

- 7) Enclose a copy of your WSDA Pesticide Management Division approved pesticide or fertilizer registration.
- 8) Make sure to sign the application(s).

Logo

Brand name materials that are registered and approved by the WSDA may use the organic material registration logo in the labeling of the material. A person whose material is registered may use the words "Approved Material Under Washington State Department Of Agriculture Organic Food Program." Use of this logo must comply with other state and federal regulations. A camera-ready copy of the logo is mailed to BNML applicants upon approval of a new material. Registration does not imply endorsement of your product by the Washington State Department of Agriculture.

Instructions for United States (US) Environmental Protection Agency (EPA) Regulated Materials

The WSDA allows only one CSF per brand name material, unlike the EPA, which allows alternates. If you have alternate formulas that are distributed under the same brand name that appears on your material's label, then a copy of each CSF must be submitted with the application.

Web Site

The 2003 BNML will be published in the Winter of 2003 and distributed to organic producers, processors, handlers, and other interested parties. Updates to the list will be available on the WSDA web site: <http://agr.wa.gov/default.htm>.

Make additional copies of this application as needed.

If you have any questions about the material review process, please contact Mark Amrhein at (360) 902-1882, FAX (360) 902-2087, or Email: mamrhein@agr.wa.gov.

Enclosures:

- How the National Organic Program Final Rule Effects Applicants to the WSDA Brand Name Materials List
- Additional Requirements for Products Containing Compost & Manure
- Compost, vermicompost, compost tea and processed manure approved for use under the National Organic Program
- Application for Registration of Materials
- Materials Approved for Use in Organic Production and Handling.



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How the National Organic Program Final Rule Effects Applicants to the WSDA Brand Name Materials List

Introduction

The Washington State Department of Agriculture (WSDA) Organic Food Program has maintained the Brand Name Materials List (BNML) since 1993. This list is provided as a service to all the organic producers, processors, and handlers in Washington State, as well as all the manufacturers of organic food production materials that contribute to the BNML. The WSDA is in the process of implementing the Final Rule established by the United States Department of Agriculture (USDA) National Organic Program (NOP). Part of this transition will be making sure that all of the ingredients in registered BNML materials meet the standards set forth in the National Organic Program Final Rule. This document is intended to guide registrants through this transition process and explain some of the available options.

The USDA National Organic Program Final Rule went into effect on April 21, 2001 and will be fully effective on October 21, 2002. The National Organic Program establishes national standards for the organic production and handling of agricultural materials/products, and includes a National List of synthetic substances approved and nonsynthetic (natural) materials prohibited for organic production and handling. The NOP establishes an accreditation program for state and private organic certification programs that want to certify organic crops, livestock, and handling operations that meet the requirements of the Final Rule. The WSDA is an accredited state certifier and all materials applying for registration on the 2003 BNML must meet the criteria of the NOP National List.

National List of Materials

The National List within the National Organic Program final rule is constructed very differently than the WSDA material lists. The National List contains a list of approved synthetic materials and prohibited natural materials. Approved nonsynthetic (natural) materials are not individually listed on the National List. Under the National Organic Program all nonsynthetic (natural) materials are approved unless they are specifically prohibited on the National List. Conversely, all synthetic substances are prohibited unless specifically allowed on the National List.

The National List will not include a brand name list of materials. Therefore, the WSDA will maintain the BNML to provide producers, processors, and handlers with a user-friendly list of brand name materials that can be used in organic food production, processing, and handling. The BNML review process provides manufacturers with an interpretation of State and National Organic Standards as well as a tool to market brand name materials as meeting such standards.

National Organic Program's Policy on the Use of EPA Inerts

In the National Organic Program Final Rule, EPA Inerts List 1 and 2 are prohibited, EPA List 3 inerts are prohibited unless the ingredient is listed as an approved synthetic. EPA List 4 Inerts are allowed only in EPA registered pesticide products.

Many WSDA currently approved brand name materials will be prohibited on the 2003 BNML because they contain synthetic ingredients not approved on the National List. This includes many pesticide materials with EPA List 3 Inerts, and other materials such as fertilizers, crop production aids, and post harvest materials with synthetic ingredients not currently on the National List.

Compliance with the National Organic Program Final Rule

- ◆ Manufacturers and distributors of materials that do not meet the NOP standards will be denied registration on the 2003 BNML.
- ◆ Manufacturers reformulating brand name materials using only nonsynthetic (natural) ingredients must make sure that each ingredient is derived from mineral, plant, or animal matter and does not undergo a synthetic process. A synthetic process would be one that chemically changes the natural substance; this term does not apply to substances created by naturally occurring biological processes.
- ◆ Manufacturers that would like to have a synthetic ingredient added to the National List must fill out a petition to the National Organic Standards Board. Petitions are not for brand name materials or commercial multi-ingredient formulations but rather, specific ingredients. The ingredients petitioned can be for any area of organic food production (pesticides, fertilizers, crop production aids, livestock production), processing, or handling. The petition is available from:

National Organic Standards Board,
c/o Robert Pooler, Agricultural Marketing Specialist,
USDA/AMS/TM/NOP, Room 2510-So., Ag Stop 0268,
P.O. Box 96456,
Washington, D.C. 20090-6456.
Phone: 202/720-3252. Fax: 202/205-7808.

nlpetition@usda.gov

<http://www.ams.usda.gov/nop/nop2000/federal%20registers/petitionprocess.htm>

- ◆ Manufacturers of pesticide materials that would like to request an expedited review from the EPA to reclassify any ingredient's status from EPA List 3 to EPA List 4 should contact:

Kerry Leifer
US EPA - Registration Division
1200 Penn Ave. NW, 7505 C
Washington, DC 20460
(703) 308-8811

leifer.Kerry@epa.gov

Future of the WSDA BNML

The WSDA will continue to register materials on the BNML after the implementation of the National Organic Program Final Rule. The Final Rule does not contain a brand name list of materials or a list of approved natural materials. The BNML will continue to serve as an important tool for producers, processors, and handlers in Washington State to meet their organic food production needs. The WSDA urges manufacturers to review the ingredients in all their brand name materials intended for use in organic production, processing, and handling for compliance with the National Standards. All materials applying for registration on the 2003 BNML must meet the requirements of the National Organic Program Final Rule.

If you have questions about the WSDA Organic Food Program material review process, please contact Mark Amrhein at (360) 902-1882, FAX (360) 902-2087, or Email: mamrhein@agr.wa.gov.



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Additional Requirements for Products Containing Compost & Manure

The Washington State Department of Agriculture (WSDA) Organic Food Program has two additional requirements for the registration of materials that contain compost, compost feedstocks, manure, mulches, yard waste, green mulch, and other materials.

- 1) The WSDA Organic Food Program is requiring testing for clopyralid and picloram herbicide residues on all products on the BNML that contain ingredients such as compost, compost feedstocks, manure, mulches, yard waste, green mulch, and other materials. Compost and manure that receives WSDA approval through the Brand Name Material Registration process must be clopyralid-free.

Contaminated feedstocks include (but are not limited to) hay, straw, grass clippings, yard waste, as well as animal manure, urine, and bedding. These persistent herbicides can remain in the finished compost at levels well below standard detection limits and damage plants in the Solanaceae, Leguminaceae, and Compositae families. In an effort to prevent further contamination of compost, the state Department of Agriculture (WSDA) issued an emergency rule prohibiting the use of clopyralid-containing products on turf and lawns.

Bioassays and analytical testing will be required to ensure that compost or manure approved through the Brand Name Material Registration process are free of residues. The tests must be done by a laboratory that has demonstrated the ability to accurately test for these herbicides to 1 ppb (also expressed as $\mu\text{g/kg}$). Anatek Labs in Idaho has reliably shown the ability to test to these levels; see *Mailing the Sample* section of this document for details

Taking the Sample: A composite sample is a single sample composed of multiple, well-blended sub-samples uniformly distributed throughout the entire volume that, after mixing, the sample accurately represents an average value of the general mass of material. We recommend taking cup size sub-samples from 20 locations (of varying depths) of your compost pile, then thoroughly mixing these sub-samples together in a 5 gallon bucket lined with a new plastic bag or liner. Take a 1 gallon size zip lock bag and fill it with the composite (mixed) sample, double-bag with another zip lock bag and place in a cooler with blue ice (or similar material), and mail immediately as described in the section entitled *Mailing the Sample*.

Mailing the Sample: Anatek is one of the few laboratories in the United States that can test your sample for clopyralid and picloram residues to a Minimum Detection Limit (MDL) of 1 $\mu\text{g/kg}$ (parts per billion), the level necessary for registration on the BNML. Anatek Laboratories charges \$125.00 (last quoted price) per sample when you mention that the sample is for WSDA BNML registration. Mail your composite sample to: Anatek Labs, Inc., 1282 Alturas Drive, Moscow ID 83843. The sample(s) needs to be received by Anatek Labs no later than 5 pm on Friday; they can also be reached by phone at (208) 883-2839 or by fax at (208) 882-9246.

Continued evaluation of the finished compost - is needed because the feedstocks that make up compost can continually change, thus introducing the threat of herbicide contamination with every new batch of compost made. Analytical testing of each batch of compost can be cost prohibitive; therefore we recommend that you incorporate a bioassay procedure to test each batch of compost and/or feedstocks. The Washington State University Cooperative Extension Service's Web Site at <http://css.wsu.edu/compost/bioassay.htm> describes the procedure for setting up a bioassay testing procedure.

- 2) Products registered on the Brand Name Materials List must meet the National Organic Program requirements as outlined in the attached document entitled, *Compost, Vermicompost, Compost Tea and Processed Manure Approved For Use Under The National Organic Program*.

Resources on the Web

Washington State Department of Agriculture's clopyralid information page.

WSDA Web Site at <http://agr.wa.gov/PestFert/Pesticides/Clopyralid.htm>

Anatek Laboratory's clopyralid information page.

<http://www.anateklabs.com/services/ag/clop.asp>

WSU photos of plants damaged by compost containing clopyralid.

<http://css.wsu.edu/compost/herbicide/pictures.htm>.

WSU bioassay for herbicide contamination of compost.

<http://www.puyallup.wsu.edu/soilmgmt/Clopyralid.htm>

U. S. Composting council position paper on clopyralid and composting.

<http://www.compostingcouncil.org/article.cfm?id=35>



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Compost, vermicompost, compost tea and processed manure approved for use under the National Organic Program

The National Organic Program restricts the use of compost and animal manure on organic farms. The following list describes compost and animal manure that is compliant with National Organic Program.

1. Compost composed of plant material. There are no restrictions on the use of composted or uncomposted plant residues.
2. Compost approved under NOP 205.203(c). Compost feedstocks must have an initial carbon to nitrogen ratio of between 25:1 and 40:1. In-vessel or static aerated piles must be maintained at a temperature of between 131 and 170 degrees Fahrenheit for 3 days. Windrow composting systems must be maintained at a temperature of between 131 and 170 degrees Fahrenheit for 15 days and turned a minimum of 5 times.
3. Aerobically digested compost. Must meet the following criteria:
 - a) It is made from only allowed feedstock materials including manure, plant residues, food waste, food processing waste, and other natural materials,
 - b) The compost undergoes an increase in temperature to at least 131° F (55°C) and remains there for a minimum of 3 days, and
 - c) The compost pile is mixed or managed to ensure that all of the feedstock heats to the minimum temperature. The monitoring of the above parameters must be documented in the Organic System Plan (plan) submitted by the producer and verified during the site visit.
4. Vermicompost. Must meet the following criteria:
 - a) Made from only allowed feedstock materials, except for incidental residues that will not lead to contamination,
 - b) Aerobic activity is maintained by regular additions of thin layers of organic matter at 1-3 day intervals,
 - c) Moisture is maintained at 70-90%, and
 - d) Duration of vermicomposting is at least 12 months for outdoor windrows, 4 months for indoor container systems, 4 months for angled wedge systems, or 60 days for continuous flow reactors.
5. Compost tea. Compost tea that is made from approved compost is acceptable for organic crop production. The addition of sugar or molasses to compost tea is acceptable. Sugar and molasses are not of animal origin and not restricted under NOP 205.203(c)(1).
6. Processed manure. Manure that has been heated to a temperature in excess of 150° F (65°C) for one hour or more and dried to a moisture level of 12% or less, or an equivalent heating and drying process that produces a product that is negative for pathogenic contamination by salmonella and fecal coliform material is approved for organic use.
7. Raw manure. Uncomposted animal manure that does not meet the above criteria may be used in organic crop production if applied more than 90 days prior to the harvest of crops that are not in contact with the soil or more than 120 days prior to the harvest of crops that are in contact with the soil.

Clopyralid

Clopyralid is a long-lasting herbicide used to control broadleaf weeds. It passes through animals and the composting process with little degradation. The fact that it doesn't break down presents a problem for compost and manure. Compost contaminated with clopyralid may harm certain types of broadleaf plants such as beans, peas, sunflowers, peppers, tomatoes and potatoes.

Compost registered for use in organic crop production by WSDA

Compost that receives WSDA approval through the brand name material registration process must be clopyralid-free. Bioassays and analytical testing are required to verify that composts approved through the brand name material registration process are free of clopyralid residues.

Non-registered sources of compost and manure that are not on the WSDA Brand Name Materials List

Most compost and manure available to organic producers is not registered through the WSDA brand name material registration process. Non-registered composts and manures might fail to meet the zero tolerance standard for clopyralid. Many organic producers utilize non-registered composts and manures in order to meet their soil fertility and crop nutrient needs.

Organic producers are permitted to use compost and manure from non-registered sources as long as it meets the criteria on the previous page. Non-registered compost might contain clopyralid residues. Sensitive plants (legumes, composites, nightshades) may be damaged by clopyralid contaminated compost. There will be no effect on the organic certification status for organic producers that choose to use non-registered sources of compost and manure. It is permissible for organic producers to use non-registered compost that contains clopyralid residues. Use non-registered compost at your own risk.



Washington State Department of Agriculture
Organic Food Program
PO Box 42591
Olympia WA 98504-2591

APPLICATION FOR REGISTRATION OF MATERIALS For Use in Organic Food Production

(A separate application must be submitted for each product. You may copy this form.)

Product Information: **A copy of the label must be enclosed.**

Brand Name (as it appears on your product label).

Applicant Information:

Company Name		
Contact Name	Title	
Mailing Address		
City	State	Zip Code
Phone		Fax
Email address	Website Address	

Is the contact listed above the person organic producers, processors, and handlers should contact for information regarding availability of your product? ☐ Yes ☐ No

If no, then please list a contact person in the space provided below.

Company Name	Contact Name	
Mailing Address		
City	State	Zip Code
Phone	Fax	

Do you manufacture this product? ☐ Yes ☐ No

If no, list the name and phone number of the manufacturer.

Company Name	Phone
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FOR OFFICIAL USE ONLY

Fiscal Receipt Number: _____	Date Received: _____
Amount Received for this Product: _____	Total Amount Received: _____

Brand Name (as it appears on your product label).

Type of Product (please check the appropriate description):

☐ Pesticide ☐ Spray Adjuvant ☐ Processing Aid ☐ Post Harvest Material

Is the product registered with WSDA Pesticide Division? ☐ Yes ☐ No

Fees: Renewal \$200 (Late Fee: \$30 if renewal application is postmarked after October 31st.)

New product registration - \$300

Type of Product (please check the appropriate description):

☐ Fertilizer ☐ Soil Amendment ☐ Organic Waste Derived Material ☐ Crop Production Aid
☐ Compost ☐ Animal Manure ☐ Livestock Production Aid

Is the product registered with WSDA Fertilizer and Feed Division? ☐ Yes ☐ No

Fees: Renewal \$100 (Late Fee: \$30 if renewal application is postmarked after October 31st.)

New product registration - \$200

Application Fee \$ _____

Late Fee (if applicable) \$ _____

Total Application Fee for this Product \$ _____

Category Information

The following is a list of categories. Please indicate into which category this brand name material fits.

- | | |
|--|--|
| <input type="checkbox"/> Anti-Transpirants | <input type="checkbox"/> Fungicide |
| <input type="checkbox"/> Bacillus Thuringiensis | <input type="checkbox"/> Growth Regulator |
| <input type="checkbox"/> Biological Control Agent | <input type="checkbox"/> Horticultural Oil |
| <input type="checkbox"/> Biological Soil Stimulant | <input type="checkbox"/> Humic Acid |
| <input type="checkbox"/> Boron Product | <input type="checkbox"/> Kelp |
| <input type="checkbox"/> Botanical Insecticide | <input type="checkbox"/> Pheromones |
| <input type="checkbox"/> Chelated Micronutrients | <input type="checkbox"/> Post Harvest Material |
| <input type="checkbox"/> Compost | <input type="checkbox"/> Potting Soil |
| <input type="checkbox"/> Copper Hydroxide | <input type="checkbox"/> Soil Amendment |
| <input type="checkbox"/> Feeding Stimulant | <input type="checkbox"/> Spreader/Sticker |
| <input type="checkbox"/> Fertilizer | <input type="checkbox"/> Wetting Agent |
| <input type="checkbox"/> Fish Emulsion/Meal | <input type="checkbox"/> Other: _____ |

Brand Name (as it appears on your product label).

If this is a renewal application, are there any changes in the product formulation? ☐ Yes ☐ No

If no, go directly to the declaration section.

- ❖ **Pesticides, Fertilizers, Spray Adjuvants, and Soil Amendments may need to register with two separate WSDA programs: WSDA Pesticide and Fertilizer Program AND the Organic Food Program. Please call (360) 902-2010 for more information about registration with the WSDA Pesticide and Fertilizer Program.**

Full Disclosure of Ingredients (Confidential Statement of Formula from EPA may be submitted).

INGREDIENT (Give commonly accepted chemical name, trade name and Chemical Abstract Service [CAS] number)	% BY WEIGHT	SUPPLIER NAME, ADDRESS, PHONE	PURPOSE IN FORMULATION

Do alternate formulations of this material exist under the brand name listed above? ☐ Yes ☐ No

If yes, submit a copy of each alternate formula and explain under what conditions the alternate formula is used.

Declaration:

I (we) [Print Name(s)] _____ hereby

declare under penalty of perjury that the information contained in this application is true and correct.

The person signing the application must be authorized to represent the firm.

Signature: _____

Title: _____ **Date:** _____

CONFIDENTIALITY: The above information is confidential and will not be disclosed.
[RCW 19.108 The Uniform Trade Secrets Act. RCW 42.17.260(1)]

Send Application and Fees to:
Washington State Dept of Agriculture
Organic Food Program
PO Box 42591
Olympia WA 98504-2591

**Checks Returned by the bank will be charged
a handling fee of \$25.00
(RCW 62A.3.51(a) and 62A.3.520)**



Materials Approved for Use in Organic Production and Handling

Organic farming is based on using natural methods for building soil fertility and managing insects, weeds, and disease. Most synthetic materials are prohibited. The National Organic Program (NOP) allows the use of all natural substances (materials) unless they are specifically prohibited (e.g. strychnine and nicotine are prohibited). Under the NOP all synthetic substances (materials) are prohibited unless they are approved on the National List.

As part of the 2003 application packets we are including three materials lists, the National List, the WSDA Generic Materials List, and the WSDA Brand Name Materials List.

The National List of Allowed and Prohibited Substances

The National List consists of sections 205.601 through 205.606 of the National Organic Program. The National List includes a list of approved synthetic materials and prohibited natural materials.

The WSDA Generic Materials List

The WSDA Generic Materials List provides a comprehensive list of approved materials that are compliant with the National Organic Program.

Brand Name Materials List (BNML)

The WSDA Brand Name Materials List is a list of brand name products that have been evaluated to determine that they comply with organic standards. Products listed on the BNML are identified as either being approved or denied. Products that are "Approved" have been determined to comply with the National Organic Program. Products that are "Denied" have been determined to not comply with the National Organic Program and are prohibited.

Products listed as Pending-NOP indicate pheromones that have been approved by the National Organic Standards Board (NOSB), but are awaiting formal adoption by the NOP. The NOSB recommendations will be formally adopted when they are published in the Federal Register. The pheromones that are pending NOP approval may be used for organic crop production in 2003. The WSDA Brand Name Materials List is available on the WSDA website at: <http://agr.wa.gov/default.htm>.

How to Determine the Status of a Material

To determine if a product is approved, review the National List to determine if the material is a prohibited natural or approved synthetic. If the material is natural it is approved for use unless it is prohibited on the National List. If the material is synthetic it is prohibited unless it is approved on the National List. Keep in mind the restrictions on materials listed on both the National List and the WSDA Generic List.

Next, review the Brand Name Materials List (BNML) and the WSDA Generic Materials List. If the product is approved on the BNML check the WSDA Generic Materials List to determine whether there are any restrictions on its use (e.g. chelated micronutrients are allowed, but only

if the soil and/or plant tissue tests show the soil is deficient for that nutrient). If the product does not appear on the BNML, review the WSDA Generic Materials List to determine if the material or the ingredients in the material are approved.

Can I Use Up Existing Stocks of Materials from the 2002 Brand Name Materials List?

There are materials that were on the 2002 BNML that do not meet the NOP standards. These materials are prohibited and must not be used. There are also some materials that were on the 2002 BNML that comply with the NOP but did not renew their registration. These NOP compliant materials may be used if you can demonstrate that they comply with the National Organic Program. If a material is not on the BNML you will need to document that the material is NOP compliant.

NOTE: Generally, insecticides have more unidentified inert ingredients than fertilizers or soil amendments. This makes them more difficult to approve or deny for use based on their labeling alone. If you would like to use a material that is not on the BNML, contact the company that manufactures the product and encourage them to register the product with the WSDA Organic Food Program so that a complete evaluation of their compliance with the NOP can be conducted.

If you have any questions regarding the BNML, please contact Mark Amrhein, phone (360) 902-1882, fax (360) 902-2087, or email: mamrhein@agr.wa.gov.

National List of Allowed and Prohibited Substances

§ 205.600 Evaluation criteria for allowed and prohibited substances, methods, and ingredients.

The following criteria will be utilized in the evaluation of substances or ingredients for the organic production and handling sections of the National List:

(a) Synthetic and nonsynthetic substances considered for inclusion on or deletion from the National List of allowed and prohibited substances will be evaluated using the criteria specified in the Act (7 U.S.C. 6517 and 6518).

(b) In addition to the criteria set forth in the Act, any synthetic substance used as a processing aid or adjuvant will be evaluated against the following criteria:

(1) The substance cannot be produced from a natural source and there are no organic substitutes;

(2) The substance's manufacture, use, and disposal do not have adverse effects on the environment and are done in a manner compatible with organic handling;

(3) The nutritional quality of the food is maintained when the substance is used, and the substance, itself, or its breakdown products do not have an adverse effect on human health as defined by applicable Federal regulations;

(4) The substance's primary use is not as a preservative or to recreate or improve flavors, colors, textures, or nutritive value lost during processing, except where the replacement of nutrients is required by law;

(5) The substance is listed as generally recognized as safe (GRAS) by Food and Drug Administration (FDA) when used in accordance with FDA's good manufacturing practices (GMP) and contains no residues of heavy metals or other contaminants in excess of tolerances set by FDA; and

(6) The substance is essential for the handling of organically produced agricultural products.

(c) Nonsynthetics used in organic processing will be evaluated using the criteria specified in the Act (7 U.S.C. 6517 and 6518).

§ 205.601 Synthetic substances allowed for use in organic crop production.

In accordance with restrictions specified in this section, the following synthetic substances may be used in organic crop production:

(a) As algicide, disinfectants, and sanitizer, including irrigation system cleaning systems

(1) Alcohols

(i) Ethanol

(ii) Isopropanol

(2) Chlorine materials - *Except*, That, residual chlorine levels in the water shall not exceed the maximum residual disinfectant limit under the Safe Drinking Water Act.

(i) Calcium hypochlorite

(ii) Chlorine dioxide

(iii) Sodium hypochlorite

(3) Hydrogen peroxide

(4) Soap-based algicide/demisters

(b) As herbicides, weed barriers, as applicable.

(1) Herbicides, soap-based - for use in farmstead maintenance (roadways, ditches, right of ways, building perimeters) and ornamental crops

(2) Mulches

(i) Newspaper or other recycled paper, without glossy or colored inks.

(ii) Plastic mulch and covers (petroleum-based other than polyvinyl chloride (PVC))

(c) As compost feedstocks - Newspapers or other recycled paper, without glossy or colored inks

(d) As animal repellents - Soaps, ammonium - for use as a large animal repellent only, no contact with soil or edible portion of crop

(e) As insecticides (including acaricides or mite control)

(1) Ammonium carbonate - for use as bait in insect traps only, no direct contact with crop or soil

(2) Boric acid - structural pest control, no direct contact with organic food or crops

(3) Elemental sulfur

(4) Lime sulfur - including calcium polysulfide

(5) Oils, horticultural - narrow range oils as dormant, suffocating, and summer oils.

(6) Soaps, insecticidal

(7) Sticky traps/barriers

(f) As insect attractants - Pheromones

(g) As rodenticides

(1) Sulfur dioxide - underground rodent control only (smoke bombs)

(2) Vitamin D3

(h) As slug or snail bait - None

(i) As plant disease control

(1) Coppers, fixed - copper hydroxide, copper oxide, copper oxychloride, includes products exempted from EPA tolerance, *Provided*, That, copper-based materials must be used in a manner

that minimizes accumulation in the soil and shall not be used as herbicides.

(2) Copper sulfate - Substance must be used in a manner that minimizes accumulation of copper in the soil.

(3) Hydrated lime - must be used in a manner that minimizes copper accumulation in the soil.

(4) Hydrogen peroxide

(5) Lime sulfur

(6) Oils, horticultural, narrow range oils as dormant, suffocating, and summer oils.

(7) Potassium bicarbonate

(8) Elemental sulfur

(9) Streptomycin, for fire blight control in apples and pears only

(10) Tetracycline (oxytetracycline calcium complex), for fire blight control only

(j) As plant or soil amendments.

(1) Aquatic plant extracts (other than hydrolyzed) - Extraction process is limited to the use of potassium hydroxide or sodium hydroxide; solvent amount used is limited to that amount necessary for extraction.

(2) Elemental sulfur

(3) Humic acids - naturally occurring deposits, water and alkali extracts only

(4) Lignin sulfonate - chelating agent, dust suppressant, floatation agent

(5) Magnesium sulfate - allowed with a documented soil deficiency

(6) Micronutrients - not to be used as a defoliant, herbicide, or desiccant. Those made from nitrates or chlorides are not allowed. Soil deficiency must be documented by testing.

(i) Soluble boron products

(ii) Sulfates, carbonates, oxides, or silicates of zinc, copper, iron, manganese, molybdenum, selenium, and cobalt,

(7) Liquid fish products - can be pH adjusted with sulfuric, citric or phosphoric acid. The amount of acid used shall not exceed the minimum needed to lower the pH to 3.5

(8) Vitamins, B1, C, and E

(k) As plant growth regulators - Ethylene - for regulation of pineapple flowering

(l) As floating agents in postharvest handling

(1) Lignin sulfonate

(2) Sodium silicate - for tree fruit and fiber processing

(m) As synthetic inert ingredients as classified by the Environmental Protection Agency (EPA), for use with nonsynthetic substances or synthetic substances listed in this section and used as an active pesticide ingredient in accordance with any limitations on the use of such substances.

(1) EPA List 4 - Inerts of Minimal Concern
(n)-(z) [Reserved]

§ 205.602 Nonsynthetic substances prohibited for use in organic crop production.

The following nonsynthetic substances may not be used in organic crop production:

(a) Ash from manure burning

(b) Arsenic

(c) Lead salts

(d) Sodium fluoaluminate (mined)

(e) Strychnine

(f) Tobacco dust (nicotine sulfate)

(g) Potassium chloride - unless derived from a mined source and applied in a manner that minimizes chloride accumulation in the soil.

(h) Sodium nitrate - unless use is restricted to no more than 20% of the crop's total nitrogen requirement.

(i)-(z) [Reserved]

§ 205.603 Synthetic substances allowed for use in organic livestock production.

In accordance with restrictions specified in this section the following synthetic substances may be used in organic livestock production:

(a) As disinfectants, sanitizer, and medical treatments as applicable

(1) Alcohols

(i) Ethanol - disinfectant and sanitizer only, prohibited as a feed additive

(ii) Isopropanol - disinfectant only

(2) Aspirin - approved for health care use to reduce inflammation

(3) Chlorine materials - disinfecting and sanitizing facilities and equipment. Residual chlorine levels in the water shall not exceed the maximum residual disinfectant limit under the Safe Drinking Water Act

(i) Calcium hypochlorite

(ii) Chlorine dioxide

(iii) Sodium hypochlorite

(4) Chlorohexidine - Allowed for surgical procedures conducted by a veterinarian. Allowed for use as a teat dip when alternative germicidal agents and/or physical barriers have lost their effectiveness

(5) Electrolytes - without antibiotics

(6) Glucose

(7) Glycerin - Allowed as a livestock teat dip, must be produced through the hydrolysis of fats or oils

(8) Iodine

(9) Hydrogen peroxide

(10) Magnesium sulfate

(11) Oxytocin - use in postparturition therapeutic applications

(12) Parasiticides - Ivermectin - prohibited in slaughter stock, allowed in emergency treatment for dairy and breeder stock when organic system plan-approved preventive management does not prevent infestation. Milk or milk products from a treated animal cannot be labeled as provided for in subpart D of this part for 90 days following treatment. In breeder stock, treatment cannot occur during the last third of gestation if the progeny will be sold as organic and must not be used during the lactation period of breeding stock.

(13) Phosphoric acid - allowed as an equipment cleaner, *Provided*, That, no direct contact with organically managed livestock or land occurs.

(14) Biologics - Vaccines

(b) As topical treatment, external parasiticide or local anesthetic as applicable.

(1) Iodine

(2) Lidocaine - as a local anesthetic. Use requires a withdrawal period of 90 days after administering to livestock intended for slaughter and 7 days after administering to dairy animals

(3) Lime, hydrated - (bordeaux mixes), not permitted to cauterize physical alterations or deodorize animal wastes.

(4) Mineral oil - for topical use and as a lubricant

(5) Procaine - as a local anesthetic, use requires a withdrawal period of 90 days after administering to livestock intended for slaughter and 7 days after administering to dairy animals

(6) Copper sulfate

(c) As feed supplements - Milk replacers - without antibiotics, as emergency use only, no nonmilk products or products from BST treated animals

(d) As feed additives

(1) Trace minerals, used for enrichment or fortification when FDA approved, including:

(i) Copper sulfate

(ii) Magnesium sulfate

(2) Vitamins, used for enrichment or fortification when FDA approved

(e) As synthetic inert ingredients as classified by the Environmental Protection Agency (EPA), for use with nonsynthetic substances or a synthetic substances listed in this section and used as an active pesticide ingredient in accordance with any limitations on the use of such substances.

EPA List 4 - Inerts of Minimal Concern.

(f)-(z) [Reserved]

§ 205.604 Nonsynthetic substances prohibited for use in organic livestock production.

The following nonsynthetic substances may not be used in organic livestock production:

(a) Strychnine

(b)-(z) [Reserved]

§ 205.605 Nonagricultural (nonorganic) substances allowed as ingredients in or on processed products labeled as "organic" or "made with organic (specified ingredients or food group(s))."

The following nonagricultural substances may be used as ingredients in or on processed products labeled as "organic" or "made with organic (specified ingredients or food group(s))" only in accordance with any restrictions specified in this section.

(a) *Nonsynthetics allowed:*

(1) Acids

(i) Alginic

(ii) Citric - produced by microbial fermentation of carbohydrate substances

(iii) Lactic

(2) Bentonite

(3) Calcium carbonate

(4) Calcium chloride

(5) Colors, nonsynthetic sources only

(6) Dairy cultures

(7) Diatomaceous earth - food filtering aid only

(8) Enzymes - must be derived from edible, nontoxic plants, nonpathogenic fungi, or nonpathogenic bacteria

(9) Flavors, nonsynthetic sources only and must not be produced using synthetic solvents and carrier systems or any artificial preservative.

(10) Kaolin

(11) Magnesium sulfate, nonsynthetic sources only

(12) Nitrogen - oil-free grades

(13) Oxygen - oil-free grades

(14) Perlite - for use only as a filter aid in food processing

(15) Potassium chloride

(16) Potassium iodide

(17) Sodium bicarbonate

(18) Sodium carbonate

(19) Waxes - nonsynthetic

(i) Carnauba wax

(ii) Wood resin

(20) Yeast - nonsynthetic, growth on petrochemical substrate and sulfite waste liquor is prohibited

(i) Autolysate

(ii) Bakers

(iii) Brewers

(iv) Nutritional

(v) Smoked - nonsynthetic smoke flavoring process must be documented.

(b) *Synthetics allowed:*

- (1) Alginates
- (2) Ammonium bicarbonate - for use only as a leavening agent
- (3) Ammonium carbonate - for use only as a leavening agent
- (4) Ascorbic acid
- (5) Calcium citrate
- (6) Calcium hydroxide
- (7) Calcium phosphates (monobasic, dibasic, and tribasic)
- (8) Carbon dioxide
- (9) Chlorine materials - disinfecting and sanitizing food contact surfaces, *Except*, That, residual chlorine levels in the water shall not exceed the maximum residual disinfectant limit under the Safe Drinking Water Act.
 - (i) Calcium hypochlorite
 - (ii) Chlorine dioxide
 - (iii) Sodium hypochlorite
- (10) Ethylene - allowed for postharvest ripening of tropical fruit
- (11) Ferrous sulfate - for iron enrichment or fortification of foods when required by regulation or recommended (independent organization)
- (12) Glycerides (mono and di) - for use only in drum drying of food
- (13) Glycerin - produced by hydrolysis of fats and oils
- (14) Hydrogen peroxide
- (15) Lecithin - bleached
- (16) Magnesium carbonate - for use only in agricultural products labeled "made with organic (specified ingredients or food group(s))," prohibited in agricultural products labeled "organic"
- (17) Magnesium chloride - derived from sea water
- (18) Magnesium stearate - for use only in agricultural products labeled "made with organic (specified ingredients or food group(s))," prohibited in agricultural products labeled "organic"
- (19) Nutrient vitamins and minerals, in accordance with 21 CFR 104.20, Nutritional Quality Guidelines For Foods
- (20) Ozone
- (21) Pectin (low-methoxy)
- (22) Phosphoric acid - cleaning of food-contact surfaces and equipment only
- (23) Potassium acid tartrate
- (24) Potassium tartrate made from tartaric acid
- (25) Potassium carbonate
- (26) Potassium citrate

(27) Potassium hydroxide - prohibited for use in lye peeling of fruits and vegetables

(28) Potassium iodide - for use only in agricultural products labeled "made with organic (specified ingredients or food group(s))," prohibited in agricultural products labeled "organic"

(29) Potassium phosphate - for use only in agricultural products labeled "made with organic (specific ingredients or food group(s))," prohibited in agricultural products labeled "organic"

(30) Silicon dioxide

(31) Sodium citrate

(32) Sodium hydroxide - prohibited for use in lye peeling of fruits and vegetables

(33) Sodium phosphates - for use only in dairy foods

(34) Sulfur dioxide - for use only in wine labeled "made with organic grapes," *Provided*, That, total sulfite concentration does not exceed 100 ppm.

(35) Tocopherols - derived from vegetable oil when rosemary extracts are not a suitable alternative

(36) Xanthan gum

(c)-(z) [Reserved]

§ 205.606 Nonorganically produced agricultural products allowed as ingredients in or on processed products labeled as organic or made with organic ingredients.

The following nonorganically produced agricultural products may be used as ingredients in or on processed products labeled as "organic" or "made with organic (specified ingredients or food group(s))" only in accordance with any restrictions specified in this section.

Any nonorganically produced agricultural product may be used in accordance with the restrictions specified in this section and when the product is not commercially available in organic form.

(a) Cornstarch (native)

(b) Gums - water extracted only (arabic, guar, locust bean, carob bean)

(c) Kelp - for use only as a thickener and dietary supplement

(d) Lecithin - unbleached

(e) Pectin (high-methoxy)

WSDA Generic Materials List

Crop Production

Approved Materials and Practices.

The following list of materials are approved for use in organic crop production. Some materials have certain restrictions regarding their use. These restrictions are noted in the list. ALWAYS CAREFULLY READ THE LABEL AND ANY OTHER DOCUMENTATION. All materials must be applied in compliance with all state and federal laws.

General requirements

Pesticides that contain inert ingredients must not contain inert ingredients on EPA's List 1, 2 or 3 of Inerts of Toxicological Concern.

- (1) Acetic acid. Used as a drip irrigation cleaner and as an adjuvant to adjust pH of solutions.
- (2) Airborne projectiles for rodent control.
- (3) Alcohol. Allowed as an algicide, disinfectant, sanitizer, and cleanser of irrigation systems.
- (4) Alfalfa meal.
- (5) Algae.
- (6) Amino acids from naturally occurring organisms are allowed. Amino acids produced from genetically engineered organisms are prohibited.
- (7) Ammonium soaps. As large animal repellent. No contact with soil or edible crop.
- (8) Animal byproducts including bone meal, blood meal, feather meal, hoof meal, horn meal, shrimp meal, crab meal and crab meat. Leather by-products are prohibited.
- (9) Antibiotics. Streptomycin and tetracycline are permitted for fire blight control.
- (10) Ascorbic acid. Used as a drip irrigation cleaner and as an adjuvant to adjust pH of solutions.
- (11) Azadirachtin (neem).
- (12) Biodynamic preparations.
- (13) Blood meal.
- (14) Bone meal.
- (15) Boron products. Mined sources are allowed including sodium tetraborate, sodium octaborate.
- (16) *Bacillus thuringiensis*. Must not be a product of genetically engineered organisms.
- (17) Beneficial insects.
- (18) Biological control organisms.
- (19) Bordeaux mixes. Use with caution. Excessive may cause buildup of copper in the soil.
- (20) Boric acid. Cannot be used in direct contact with organic food or crops.
- (21) Biological control organisms.
- (22) Calcium chloride.
- (23) Calcium hydroxide (hydrated lime). Foliar application only. Must not be used as a liming material.
- (24) Carbonates of zinc, iron, copper, manganese, molybdenum, selenium, and cobalt. May be used only to correct for deficiencies determined by soil or plant tissue testing.
- (25) Cardboard. Unwaxed cardboard may be used as mulch or as a compost feedstock. Waxed cardboard must not exceed 0.75% by weight of the mulch or compost feedstock.
- (26) Chelates. Chelated micronutrient sprays may be used in conjunction with soil and/or plant tissue tests. Amino acid, lignin-sulfonate, citric acid, malic acid, tartaric acid and other di- and tri-acid chelates are acceptable. Synthetic chelating agents such as EDTA and HEDTA are prohibited.
- (27) Citric acid. Used as a drip irrigation cleaner and as an adjuvant to adjust pH of solutions.
- (28) Cocoa bean hulls. Must be composted or tested for pesticide residues of organochlorines and organophosphates. Testing of product must indicate that organochlorines and organophosphates residues are below 10 parts per billion.
- (29) Compost tea. The materials (feedstocks) used to produce compost tea must consist of approved materials. Acceptable feedstocks include uncontaminated nonsynthetic materials except for those nonsynthetic substances prohibited under the National Organic Program section 205.602 and 205.604. Prohibited feedstocks include nonsynthetic substances contaminated with clopyralid, picloram or other persistent pesticides, mixed municipal solid waste, sewage sludge, biosolids, glossy paper, recycled gypsum, dangerous waste, special waste, waste or by-product

WSDA Generic Materials List Crop Production

- from processes that create organochlorines, cement kilns, secondary steel mills, waste categorically excluded from the dangerous waste regulations and other materials prohibited under the National Organic Program.
- (30) Compost. The materials (feedstocks) used to produce compost must consist of approved materials. Acceptable feedstocks include uncontaminated nonsynthetic materials except for those nonsynthetic substances prohibited under the National Organic Program section 205.602 and 205.604. Prohibited feedstocks include nonsynthetic substances contaminated with clopyralid, picloram or other persistent pesticides, mixed municipal solid waste, sewage sludge, biosolids, glossy paper, recycled gypsum, dangerous waste, special waste, waste or by-product from processes that create organochlorines, cement kilns, secondary steel mills, waste categorically excluded from the dangerous waste regulations and other materials prohibited under the National Organic Program.
- (31) Copper hydroxide.
- (32) Copper sulfate. Use with caution. Excessive use may cause buildup of copper in the soil.
- (33) Corn calcium.
- (34) Corn gluten.
- (35) Cottonseed meal. Must be composted or tested for pesticide residues of organochlorines and organophosphates. Testing of product must indicate that organochlorines and organophosphates residues are below 10 parts per billion.
- (36) Cyanobacteria or blue-green algae.
- (37) Deer and rabbit repellents. Acceptable if derived from a natural source.
- (38) Diatomaceous earth.
- (39) Dolomite lime. (Magnesium carbonate and calcium carbonate.) May cause buildup of magnesium. Must be from a natural mined source.
- (40) Dormant oils. Must have an average fifty percent boiling point at 10mm mercury pressure between 415-470 degrees Fahrenheit. Use only on woody plants as a dormant spray.
- (41) Enzymes. Acceptable if derived microbiologically from natural materials and not fortified with synthetic plant nutrients. Enzymes produced from genetically engineered organisms are prohibited.
- (42) Epsom salts or magnesium sulphate.
- (43) Feather meal.
- (44) Fish emulsions. Forms which are "fortified" with urea or other synthetic plant nutrients are prohibited. Sulfuric, citric and/or phosphoric acid may be used to lower the pH to 3.5.
- (45) Fish meal.
- (46) Flame and steam weeding.
- (47) Food processing waste. Must be from a certified organic source, composted, or tested for pesticide residues of organochlorines and organophosphates. Testing of product must indicate that organochlorines and organophosphates residues are below 10 parts per billion. The department may require additional testing to ensure pesticide residues will not affect the integrity of the organic crops.
- (48) Fungal organisms.
- (49) Garlic.
- (50) Gibberellic acid. Acceptable if made from a fermentation process.
- (51) Grape, apple and other pomaces. Must be from certified organic source, composted or tested for pesticide residues of organochlorines and organophosphates. Testing of product must indicate that organochlorines and organophosphates residues are below 10 parts per billion.
- (52) Grazing.
- (53) Greensand or glauconite.
- (54) Guano, bat or bird.
- (55) Gypsum (calcium sulfate). Must be from a naturally mined source. Gypsum by-product from drywall or other sources is prohibited.
- (56) Herbal preparations. May not be extracted with synthetic solvents.
- (57) Hoof and horn meal.
- (58) Humates. Acceptable if derived from leonardite, lignite or coal.
- (59) Humic acid derivatives. Extracts from natural humates by hydrolysis or potassium hydroxide extraction are allowed. These are only acceptable if derived from a natural source and not fortified.
- (60) Hydrated lime. Foliar application as a fungicide only. Shall not be used as a liming material.

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| <p>(61) Hydrogen peroxide.</p> <p>(62) Insect extracts.</p> <p>(63) Insect traps and monitoring devices.</p> <p>(64) Kelp meal and extracts.</p> <p>(65) Ligno sulfonates. Includes calcium lignosulfate, lignosulfonic acid and sodium lignosulfate. Allowed as a chelating agent, inert ingredient and dust suppressant.</p> <p>(66) Lime sulfur.</p> <p>(67) Lime and limestone. Naturally mined lime including dolomite lime (magnesium carbonate) and agricultural lime (calcium carbonate) are approved for use. Synthetic sources (hydrated lime) and industrial sources (cement kiln lime, spent controlled atmosphere lime) are prohibited.</p> <p>(68) Neem (azadirachtin).</p> <p>(69) Nematodes.</p> <p>(70) Manure. Uncomposted manure must not be applied within 120 days of the harvest of crops that have contact with the soil and within 90 days of the harvest of crops that do not contact the soil.</p> <p>(71) Meat meal.</p> <p>(72) Mechanical and cultural controls.</p> <p>(73) Microbial products. Microbial products cannot contain any synthetic ingredients. Genetically engineered organisms and their products are prohibited.</p> <p>(74) Mined materials. Approved mined materials include boron products, calcium chloride, kieserite, langbenite, leonardite, rock phosphate, gypsum, and greensand. Prohibited mined materials include potassium nitrate.</p> <p>(75) Mulches. The materials used to produce mulch must consist of approved materials. Approved materials include uncontaminated natural vegetation, newspaper and nonglossy paper. Prohibited materials include substances contaminated with clopyralid, picloram or other persistent pesticides, colored ink, glossy paper and waxed cardboard. Plastic mulches may be used and must not be incorporated into soil. Biodegradable paper mulch that contain fungicides or other prohibited materials are prohibited.</p> <p>(76) Mushroom compost. Must be certified organic, composted or tested for pesticide residues of organochlorines and organophosphates. Testing of product must</p> | <p>indicate that organochlorines and organophosphates residues are below 10 parts per billion.</p> <p>(77) Peat moss. Unfortified forms only.</p> <p>(78) Perlite.</p> <p>(79) Pheromones.</p> <p>(80) Plant and fungal extracts.</p> <p>(81) Plastics for mulch, row covers, and solarization must not be incorporated into soil.</p> <p>(82) Potassium bicarbonate.</p> <p>(83) Potting soil. Must consist of approved materials. Potting soil that contains synthetic fertilizer, prohibited wetting agents or other prohibited materials is prohibited.</p> <p>(84) Predators. Cats, hawks, and coyotes.</p> <p>(85) Pumice.</p> <p>(86) Pyrethrums. Naturally occurring forms are allowed. The pyrethrums are highly unstable in the presence of air, light, and moisture. They have low mammalian toxicity and can cause dermatitis in humans. Use with caution.</p> <p>(87) Rock phosphate.</p> <p>(88) Rodent traps.</p> <p>(89) Rotenone. Use with caution. Rotenone is highly toxic to fish. Its persistence in the soil is unknown, though it loses its effectiveness within one week. Should not be used on crops nearing harvest time. Commercial rotenone comes from tropical leguminous shrubs in the genera <i>Lonchocarpus</i> and <i>Derris</i>. The active compounds, rotenoids, are present in a variety of legumes including soybeans.</p> <p>(90) Row covers. Must not be incorporated into soil.</p> <p>(91) Ryania. Use with caution. The toxicological properties of ryania are largely unknown.</p> <p>(92) Sabadilla. Use with caution.</p> <p>(93) Shells from oysters, crabs, clams and other shellfish.</p> <p>(94) Soaps. Sodium and potassium salts of fatty acids are approved. Synthetic detergents are prohibited.</p> <p>(95) Sodium nitrate. Discouraged because of high sodium content. Cannot be used as the primary source of nitrogen. Sodium nitrate can be used for up to twenty percent of total nitrogen inputs. Total nitrogen is defined as pounds of nitrogen from all sources including, in part, manure, blood</p> |
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WSDA Generic Materials List

Crop Production

- meal, compost, green manures, cover crops and fish meal.
- (96) Soil pasteurization.
- (97) Sticky traps and barriers.
- (98) Sugar beet lime. Must be composted or tested for pesticide residues of organochlorines and organophosphates. Testing of product must indicate that organochlorines and organophosphates residues are below 10 parts per billion.
- (99) Sulfur burners. Alkaline well water may be sweetened with sulfur burners.
- (100) Sulfur, elemental.
- (101) Sulfates of zinc or iron. May be used only to correct for deficiencies determined by soil or plant tissue testing.
- (102) Sul po mag.
- (103) Summer oils. May be used on woody plants only, carrot and/or weed oils are prohibited. Must have an average fifty percent boiling point at 10mm mercury pressure between 415-470 degrees Fahrenheit.
- (104) Synthetic vitamin baits.
- (105) Trapping substances as long as they do not contain prohibited materials.
- (106) Tree seals. May be petroleum based but may not contain synthetic chemicals or fungicides.
- (107) Vegetable oils.
- (108) Vermiculite.
- (109) Vinegar.
- (110) Viruses.
- (111) Vitamin B-1.
- (112) Waxes for grafting or sealing tree wounds.
- (113) Weeder geese.
- (114) Wetting agents. Natural wetting agents including soaps, saponins and microbial wetting agents are allowed. Synthetic wetting agents are prohibited.
- (115) Wood ashes, from nonindustrial sources only.
- (116) Worm castings.
- (117) Yard waste. Yard waste from certified organic sources is approved. Yard waste from conventional sources must be tested for pesticide residues of clopyralid and picloram and other persistent pesticides as appropriate. Testing of yard waste must indicate that clopyralid and picloram residues are below 1 part per billion.

Prohibited Materials and Practices

The following materials are prohibited from use in organic crop production. In addition, all materials that are prohibited under the National Organic Program, section 205.105 are also prohibited.

- (1) Abamectin or avermectin.
- (2) Aluminum phosphide.
- (3) Alpha-Naphthylthiourea.
- (4) Ammonia products.
- (5) Anticoagulant rodent baits.
- (6) Avermectin.
- (7) Biosolids.
- (8) Broadcast burning.
- (9) Calcium cyanide.
- (10) Calcium nitrate.
- (11) Calcium oxide or quicklime.
- (12) Carbamates.
- (13) Carrot oil.
- (14) Chlorinated hydrocarbons.
- (15) Coumarins.
- (16) Cryolite or sodium fluoaluminate.
- (17) Detergents.
- (18) Dimethyl sulfoxide.
- (19) Enzymes produced from genetically engineered organisms.
- (20) Field burning.
- (21) Fortified humic acid derivatives.
- (22) Gypsum by-product from drywall and other sources.
- (23) Herbicidal soaps.
- (24) Indandiones.
- (25) Leather meal and leather by-products.
- (26) Magnesium nitrate.
- (27) Methyl bromide.
- (28) Methyl sulfoxide.
- (29) Mono-ammonium phosphate.
- (30) Moth balls/crystals.
- (31) Nicotine.
- (32) Organochlorines.
- (33) Organophosphates.
- (34) Plant protectants, synthetic.
- (35) Pyrethroids, synthetic.
- (36) Phosphoric acid.
- (37) Phosphorus.
- (38) Piperonyl butoxide.
- (39) Plant regulators, synthetic.
- (40) Potassium nitrate.
- (41) Pyriminilureas.
- (42) Sewage sludge.
- (43) Sodium fluoroacetate.

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- (44) Soil fumigants.
- (45) Super phosphate.
- (46) Strychnine.
- (47) Synthetic chelating agents such as EDTA and HEDTA.
- (48) Synthetic fertilizers.
- (49) Synthetic fungicides, fumigants, sterilizants, and bactericides.
- (50) Synthetic growth regulators.
- (51) Synthetic herbicides.
- (52) Synthetic wetting agents.
- (53) Thallium sulfate.
- (54) Zinc phosphide.
- (55) Triple phosphate.
- (56) Urea.
- (57) Weed oils.


2003 Brand Name Materials List (Version 1 - 1/17/2003)

 WASHINGTON STATE DEPARTMENT OF AGRICULTURE			Sorted by Brand Name		
<p>The Washington State Organic Food Program does not provide any guarantee or warranty, express or implied, for any of the materials included in this list. References to particular products of a manufacturer contained herein are not an endorsement by the Organic Food Program.</p>			<p>Status Key: Approved Material for Organic Use: AP Denied Registration: DENIED Material Approval Pending NOP Adoption of NOSB Recommendations: Pending-NOP</p>		
Status	Brand Name	Company Name	Sub-Type	Type	Restrictions
AP	100% Alder Bark	UAP Northwest	Seed Protectant	Crop Production Aid	
AP	100% Organic Prilled Gypsum	Agro Minerals Fertilizer	Prilled Gypsum	Fertilizer & Soil Amendments	
AP	Actino-Iron	Natural Industries, Inc.	Biological Soil Amendment	Fertilizer & Soil Amendments	
AP	Actinovate Soluble	Natural Industries, Inc.	Biological Soil Amendment	Fertilizer & Soil Amendments	
AP	Activator C	CH2O, Inc.	Chlorine Dioxide Activator	Post Harvest Material	
AP	Agroneem	Agro Logistic Systems, Inc.	Insecticide - Botanical (Neem)	Disease & Pest Control	Label use only
AP	Agtiva Ultra/ Keg River 85% Degradable Elemental Sulfur	Keg River Chemical Corp.	Sulfur	Fertilizer & Soil Amendments	
AP	Alga-Fix	R & A Plant/Soil, Inc.	Biological Soil Amendment	Fertilizer & Soil Amendments	
AP	Alga-Min	R & A Plant/Soil, Inc.	Biological Soil Amendment	Fertilizer & Soil Amendments	
AP	Alga-Tilth	R & A Plant/Soil, Inc.	Biological Soil Amendment	Fertilizer & Soil Amendments	
AP	Allityn Insect Repellent	Helena Chemical Co.	Insect Repellent - Garlic	Disease & Pest Control	Label use only
AP	AL-U-Grow (0-0-4) +10S +1.5Fe	D.C. Minerals, Inc.	Mined Mineral	Fertilizer & Soil Amendments	
AP	AL-U-Grow + (0-0-2) +12.5S +2.5Fe	D.C. Minerals, Inc.	Mined Mineral	Fertilizer & Soil Amendments	
AP	AQ 10 Biofungicide	Ecogen, Inc.	Fungicide - Biological (Powdery Mildew)	Disease & Pest Control	Label use only
AP	Ascent HI-N (11-0-0)	Cascade Distributing Co.	Fish Product	Fertilizer & Soil Amendments	
AP	Aspire Biofungicide	Ecogen, Inc.	Fungicide - Biological (Post Harvest)	Disease & Pest Control	Label use only
AP	Aspire Biofungicide	Ecogen, Inc.	Biological Fungicide	Post Harvest Material	
AP	AZA-Direct	Gowan, Co.	Insecticide - Botanical (Neem)	Disease & Pest Control	Label use only
AP	B-17 Boric Acid Spray	Nutrient Technologies, Inc.	Boron Product	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing.
AP	Barefoot Soil	Yelm Earthworm & Castings Farm	Earthworm Castings	Fertilizer & Soil Amendments	
AP	Basicop	Griffin LLC	Copper Product	Disease & Pest Control	Label use only
AP	Bee-Scent	Scentry Biologicals	Bee Attractant	Crop Production Aid	
AP	BFMS Biogenesis I (3-0-3)	Tainio Technology and Technique, Inc.	Biological Fertilizer	Fertilizer & Soil Amendments	
AP	BFMS Micro 5000 Organic (0-0-15)	Tainio Technology and Technique, Inc.	Blended Fertilizer	Fertilizer & Soil Amendments	
AP	BFMS Nutra Need	Tainio Technology and Technique, Inc.	Biological Soil Amendment	Fertilizer & Soil Amendments	
AP	BFMS Pepzyme Clear	Tainio Technology and Technique, Inc.	Biological Soil Amendment	Fertilizer & Soil Amendments	
AP	BFMS Spectrum	Tainio Technology and Technique, Inc.	Biological Fertilizer	Fertilizer & Soil Amendments	
AP	Bio-Activate	JH Biotech, Inc.	Growth Regulator	Crop Production Aid	
AP	Bioenhancer	JH Biotech, Inc.	Feeding Stimulant	Disease & Pest Control	Label use only
AP	BioGan (12-2-1) Wettable Fish Powder	Bio-Oregon, Inc.	Fish Product	Fertilizer & Soil Amendments	
AP	BioGan (3-2-2) Liquid Fish Fertilizer	Bio-Oregon, Inc.	Fish Product	Fertilizer & Soil Amendments	
AP	BioGan (4-3-2) Liquid Fish Fertilizer	Bio-Oregon, Inc.	Fish Product	Fertilizer & Soil Amendments	
AP	BioGro (10-4-2)	Bio-Oregon, Inc.	Blended Fertilizer	Fertilizer & Soil Amendments	
AP	BioGro (7-7-2)	Bio-Oregon, Inc.	Blended Fertilizer	Fertilizer & Soil Amendments	
AP	BioGro (9-3-5)	Bio-Oregon, Inc.	Blended Fertilizer	Fertilizer & Soil Amendments	

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Status	Brand Name	Company Name	Sub-Type	Type	Restrictions
AP	Biomin Booster (11)	JH Biotech, Inc.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	Biomin Booster (126)	JH Biotech, Inc.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	Biomin Booster (221)	JH Biotech, Inc.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	Biomin Booster (235) (2-0-0)	JH Biotech, Inc.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	Biomin Boron 3% (2-0-0)	JH Biotech, Inc.	Boron Product	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing.
AP	Biomin Calcium 7% (2-0-0)	JH Biotech, Inc.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	Biomin Copper 4% (2-0-0)	JH Biotech, Inc.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	Biomin Iron 5% (2-0-0)	JH Biotech, Inc.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	Biomin Magnesium 3% (2-0-0)	JH Biotech, Inc.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	Biomin Manganese 5% (2-0-0)	JH Biotech, Inc.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	Biomin Zinc 7% (2-0-0)	JH Biotech, Inc.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	Biorepel	JH Biotech, Inc.	Insect Repellent - Garlic	Disease & Pest Control	Label use only
AP	Bio-Save 10 LP	Village Farms (formerly EcoScience)	Biological Fungicide	Post Harvest Material	Label use only
AP	Bio-Save 100	Village Farms (formerly EcoScience)	Biological Fungicide	Post Harvest Material	Label use only
AP	BioVam	T & J Enterprises	Biological Soil Amendment	Fertilizer & Soil Amendments	
AP	Biozyme	JH Biotech, Inc.	Growth Regulator	Crop Production Aid	
AP	Black Gold Phosphate (0-3-0)	Soda Springs Phosphate	Rock Phosphate	Fertilizer & Soil Amendments	
AP	BlightBan A506	Plant Health Technologies	Microbial Product	Disease & Pest Control	Label use only
AP	Bloomtime Biological	Northwest Agricultural Products, Inc.	Biological Competitive Agent	Disease & Pest Control	Label use only
AP	Bloomtime Biological (Wettable Powder Formulation)	Northwest Agricultural Products, Inc.	Biological Competitive Agent	Disease & Pest Control	Label use only
AP	Blu-Min Liquid Zinc Sulfate	Bay Zinc Co., Inc.	Zinc Sulfate	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing.

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Status	Brand Name	Company Name	Sub-Type	Type	Restrictions
AP	Blu-Min Zinc Granular with Sulfur	Bay Zinc Co., Inc.	Zinc Sulfate	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing.
AP	Blu-Min Zinc-Powder with Sulfur	Bay Zinc Co., Inc.	Zinc Sulfate	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing.
AP	Bone Meal Plus (5-10-1)	California Organic Fertilizer, Inc.	Blended Fertilizer	Fertilizer & Soil Amendments	
AP	BT 320 Sulfur 25 Dust	Wilbur-Ellis Co.	Bacillus thuringiensis/ Sulfur	Disease & Pest Control	Label use only
AP	Calcimax Natural	NutriAg Ltd. (Formerly Plaaskem International LTD)	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	Calcium PolyAmine	Northwest Agricultural Products, Inc.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	Cal-Plex 12	Northwest Agricultural Products, Inc.	Calcium Chloride	Fertilizer & Soil Amendments	
AP	Calpril	Pacific Calcium, Inc.	Limestone	Fertilizer & Soil Amendments	
AP	Canadian Mountain Gypsum	Pacific Calcium, Inc.	Gypsum	Fertilizer & Soil Amendments	
AP	Champion Wettable Powder	Nufarm Americas, Inc. (Formerly Agtrol International)	Copper Product	Disease & Pest Control	Label use only
Pending-NOP	CheckMate CM	Suterra, LLC (Formerly Consep, Inc.)	Pheromones	Disease & Pest Control	Label use only
Pending-NOP	CheckMate CM-WS	Suterra, LLC (Formerly Consep, Inc.)	Pheromones	Disease & Pest Control	Label use only
Pending-NOP	CheckMate CM-XL 1000	Suterra, LLC (Formerly Consep, Inc.)	Pheromones	Disease & Pest Control	Label use only
Pending-NOP	CheckMate PTB-XL Dispenser	Suterra, LLC (Formerly Consep, Inc.)	Pheromones	Disease & Pest Control	Label use only
AP	CJS Ethylene Filters (Sachets)	CJS Ethylene Filters	Ethylene Removal	Post Harvest Material	
AP	Clean Crop COCS WDG	UAP Northwest	Copper Product	Disease & Pest Control	Label use only
AP	Cocoa Mulch	Mirana International Natural Resources Division	Cocoa Mulch	Fertilizer & Soil Amendments	
AP	Color Guard - (only lots dated after 12/1/00 are approved)	CH2O, Inc.	Chlorine Dioxide Activator	Post Harvest Material	
AP	Compac 500	Northwest Agricultural Products, Inc.	Growth Regulator	Crop Production Aid	
AP	Copper PolyAmine	Northwest Agricultural Products, Inc.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	Creation Organics - Peat Moss	Wright Brothers Investments, Inc.	Peat Moss	Fertilizer & Soil Amendments	
AP	Crop Finish (0-0-52)	Genesis Agri Products	Sulfate of Potash	Fertilizer & Soil Amendments	
AP	Cytokinin Bioregulator Concentrate	P.B.T., Inc. dba Plant BioTech, Inc.	Growth Regulator	Crop Production Aid	
AP	Cyzer Plant Growth Regulator	P.B.T., Inc. dba Plant BioTech, Inc.	Growth Regulator	Crop Production Aid	
AP	DC Soil Conditioner (0-0-0) +12S +7.6Fe	D.C. Minerals, Inc.	Mined Mineral	Fertilizer & Soil Amendments	
AP	Deliver Biological Insecticide	Certis USA, LLC. (Formerly Thermo Trilogy Corp.)	Bacillus thuringiensis	Disease & Pest Control	Label use only
AP	Deny Liquid Biological Nematicide	Stine Microbial Products	Nematodes	Disease & Pest Control	Label use only
AP	DiPel DF	Valent BioSciences Corp.	Bacillus thuringiensis	Disease & Pest Control	Label use only
AP	Dolomite	Ash Grove Cement Company	Dolomite	Fertilizer & Soil Amendments	

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Status	Brand Name	Company Name	Sub-Type	Type	Restrictions
AP	Dolopril	Pacific Calcium, Inc.	Limestone	Fertilizer & Soil Amendments	
AP	E-325 Bloomtime Foliar Feed	Northwest Agricultural Products, Inc.	Soy Broth	Fertilizer & Soil Amendments	
AP	Eco-Min Natural	Optimum Yield, Inc (Formerly Martin Marietta Technologies Corp.)	Blended Fertilizer	Fertilizer & Soil Amendments	
AP	E-RASE ECO	IJO Products, LLC	Fungicide - Botanical (Powdery Mildew)	Disease & Pest Control	Label use only
AP	Ethylene Control	Ethylene Control, Inc.	Ethylene Removal	Post Harvest Material	
AP	Falgro 4 L	Fine Agrochemicals Ltd.	Growth Regulator	Crop Production Aid	
AP	Feather Tea	Regreen Solutions, Inc.	Feather Meal	Fertilizer & Soil Amendments	
AP	Ferrous Sulfate Monohydrate 31.5%	Mineral King Minerals, Inc.	Iron Sulfate	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing.
AP	Ferrous Sulfate Monohydrate Granular 31.5%	Mineral King Minerals, Inc.	Iron Sulfate	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing.
AP	Fertibor	U.S. Borax, Inc.	Boron Product	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing.
AP	First Choice LZN 8.50	Western Farm Service, Inc.	Blended Fertilizer	Fertilizer & Soil Amendments	
AP	First Choice Organo-Cal	Western Farm Service, Inc.	Calcium Chloride	Fertilizer & Soil Amendments	
AP	Fish Agra (4-1-1)	Northeast Organics, Inc.	Fish Product	Fertilizer & Soil Amendments	
AP	Foli-Gro Gold Multi-Mineral	Northwest Agriculture Products for Wilbur Ellis Co.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	Foli-Gro Zinc 10%	Wilbur-Ellis Co.	Zinc Sulfate	Fertilizer & Soil Amendments	
AP	Fulmax 3%	JH Biotech, Inc.	Fulvic Acid	Fertilizer & Soil Amendments	
AP	Garlic Barrier AG +	Garlic Research Labs, Inc.	Insect Repellent - Garlic	Disease & Pest Control	Label use only
AP	GC-3	JH Biotech, Inc.	Fungicide - Botanical (Powdery Mildew)	Disease & Pest Control	Label use only
AP	GC-Mite	JH Biotech, Inc.	Insecticide/Miticide - Botanical (Blend)	Disease & Pest Control	Label use only
AP	GibGro 20% Powder Plant Growth Regulator	GibGro 20% Powder Plant Growth Regulator	Growth Regulator	Crop Production Aid	
AP	Go	Algro Farms	Insect, Bird & Deer Repellent	Disease & Pest Control	Label use only
AP	Good Stuff Gypsum	Art Wilson Co.	Gypsum	Fertilizer & Soil Amendments	
AP	Granubor 15%	U.S. Borax, Inc.	Boron Product	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing.
AP	Granulated Feather Meal (13-0-0)	Pacific Calcium, Inc.	Feather Meal	Fertilizer & Soil Amendments	
AP	Green Cypress Copper 5%	Monterey Chemical Co.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	Green Cypress Crop Mix	Monterey Chemical Co.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing


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 WASHINGTON STATE DEPARTMENT OF AGRICULTURE			Sorted by Brand Name		
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Status	Brand Name	Company Name	Sub-Type	Type	Restrictions
AP	Green Cypress Iron 5%	Monterey Chemical Co.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	Green Cypress Magnesium 4%	Monterey Chemical Co.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	Green Cypress Manganese 7%	Monterey Chemical Co.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	Green Cypress Tree & Vine Mix	Monterey Chemical Co.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	Green Cypress Zinc 10%	Monterey Chemical Co.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	Green Cypress Zinc 7%	Monterey Chemical Co.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	Green Earth Organic Bouquet Flower, Rose & Bulb Food (4-8-4)	Soil Conditioners, Inc.	Blended Fertilizer	Fertilizer & Soil Amendments	
AP	Green Earth Organic Complete	Soil Conditioners, Inc.	Blended Fertilizer	Fertilizer & Soil Amendments	
AP	Green Earth Organic Feather Meal	Soil Conditioners, Inc.	Feather Meal	Fertilizer & Soil Amendments	
AP	Green Earth Organic OrganoBloom (5-2-4)	Soil Conditioners, Inc.	Blended Fertilizer	Fertilizer & Soil Amendments	
AP	Green Earth Organic Seasons	Soil Conditioners, Inc.	Blended Fertilizer	Fertilizer & Soil Amendments	
AP	Greenacres Granular Gypsum	Greenacres Gypsum & Lime Co., Inc.	Gypsum	Fertilizer & Soil Amendments	
AP	Ground Crab Shell (6-8-0)	Bio-Oregon, Inc.	Crab Shell	Fertilizer & Soil Amendments	
AP	GSL Gemini Supreme Spray Oil	G.S. Long Co., Inc.	Horticultural Oil	Disease & Pest Control	Label use only
AP	Hendrikus Schraven Organics Complete Fertilizer (6-4-4)	Hendrikus Schraven Organics	Blended Fertilizer	Fertilizer & Soil Amendments	
AP	Hendrikus Schraven Organics Organobloom Fertilizer (5-2-4)	Hendrikus Schraven Organics	Blended Fertilizer	Fertilizer & Soil Amendments	
AP	Hendrikus Schraven Organics Seasons Turf Fertilizer (8-2-4)	Hendrikus Schraven Organics	Blended Fertilizer	Fertilizer & Soil Amendments	
Pending-NOP	Hercon Disrupt CM-XTRA	Aberdeen Road. Co. d.b.a. Hercon Environmental	Pheromones	Disease & Pest Control	Label use only
AP	Hot Sauce Animal Repellent	Miller Chemical & Fertilizer Corp.	Animal Repellent	Disease & Pest Control	Label use only
AP	Humax 12%	JH Biotech, Inc.	Humic Acid	Fertilizer & Soil Amendments	
AP	In-Fuse O	Northwest Agricultural Products, Inc.	Irrigation Water Treatment	Crop Production Aid	
AP	Intrepid Blue Ribbon Biodynamic Fertilizer	The Center for Holistic Advanced Organic Studies	Blended Fertilizer	Fertilizer & Soil Amendments	
AP	Iron PolyAmine	Northwest Agricultural Products, Inc.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
Pending-NOP	Isomate - C Plus	Pacific BioControl Corp.	Pheromones	Disease & Pest Control	Label use only
Pending-NOP	Isomate - C TT	Pacific BioControl Corp.	Pheromones	Disease & Pest Control	Label use only
Pending-NOP	Isomate - CM / LR Pheromone	Pacific BioControl Corp.	Pheromones	Disease & Pest Control	Label use only

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Status	Brand Name	Company Name	Sub-Type	Type	Restrictions
Pending-NOP	Isomate - M 100	Pacific BioControl Corp.	Pheromones	Disease & Pest Control	Label use only
Pending-NOP	Isomate - OBLR/PLR	Pacific BioControl Corp.	Pheromones	Disease & Pest Control	Label use only
Pending-NOP	Isomate - OBLR/PLR PLUS	Pacific BioControl Corp.	Pheromones	Disease & Pest Control	Label use only
Pending-NOP	Isomate - P Pheromone	Pacific BioControl Corp.	Pheromones	Disease & Pest Control	Label use only
AP	IVR-OX 7.5	CH2O, Inc.	Chlorine Dioxide Precursor	Post Harvest Material	
AP	IVR-SAN 15	CH2O, Inc.	Chlorine Dioxide Precursor	Post Harvest Material	
AP	Javelin WG	Certis USA, LLC. (Formerly Thermo Trilogy Corp.)	Bacillus thuringiensis	Disease & Pest Control	Label use only
AP	Kaligreen - Potassium Bicarbonate	Arysta LifeScience America, Inc. (Formerly: Nichimen America, Inc.)	Fungicide - Potassium Bicarbonate	Disease & Pest Control	Label use only
AP	Kelly Green Organic Fertilizer (2-1.50-0.24)	Global Recycling and Research	Fish Product	Fertilizer & Soil Amendments	
AP	K-Mag Granular Natural Crystals (0-0-22)	IMC USA, Inc.	Sulfate of Potash Magnesia	Fertilizer & Soil Amendments	
AP	Kumulus DF	Micro Flo Co.	Sulfur Product	Disease & Pest Control	Label use only
AP	Limestone Flour	Ash Grove Cement Company	Limestone	Fertilizer & Soil Amendments	
AP	Liquid Solubor	U.S. Borax, Inc.	Boron Product	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing.
AP	Liquid Zinc 10%	Monterey Chemical Co.	Zinc Sulfate	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing.
AP	Magna Grow	PQ Corp.	Magnesium Sulfate	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing.
AP	Magnesium PolyAmine	Northwest Agricultural Products, Inc.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing.
AP	Manganese PolyAmine	Northwest Agricultural Products, Inc.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing.
AP	Marizyme Fishilizer (7-1-1)	Port Organic Products	Fish Product	Fertilizer & Soil Amendments	
AP	Marizyme Fishilizer (8-5-2)	Port Organic Products	Fish Product	Fertilizer & Soil Amendments	
AP	Micro 108 Soluble Biological Inoculant	Natural Industries, Inc.	Biological Soil Amendment	Fertilizer & Soil Amendments	
AP	Micro Sulf Micronized Wettable Sulfur	Nufarm Americas, Inc. (Formerly Agtrol International)	Sulfur Product	Disease & Pest Control	Label use only
AP	Micro-Pak PolyAmine	Northwest Agricultural Products, Inc.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing.
AP	Montana Natural Rock Phosphate	Pacific Calcium, Inc.	Rock Phosphate	Fertilizer & Soil Amendments	
AP	Mora-Leaf Dormant Zinc 35% with Sulfur	Wilbur-Ellis Co.	Zinc Sulfate	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing.
AP	Mor-Bor 17	Genesis Agri Products	Boron Product	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing.
AP	Mycormax	JH Biotech, Inc.	Biological Soil Amendment	Crop Production Aid	

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Status	Brand Name	Company Name	Sub-Type	Type	Restrictions
AP	Mycoshield	Syngenta Crop Protection (Formerly Novartis)	Fungicide/Bactericide - Antibiotic	Disease & Pest Control	Label use only. For Fire Blight Control Only
AP	Natural Cal - Genesis	Genesis Agri Products	Calcium Chloride	Fertilizer & Soil Amendments	
AP	Natural Wet	JH Biotech, Inc.	Wetting Agent	Crop Production Aid	
AP	Nature Safe (10-2-8)	Griffin Industries, Inc.	Blended Fertilizer	Fertilizer & Soil Amendments	
AP	Nature Safe (12-2-0)	Griffin Industries, Inc.	Blended Fertilizer	Fertilizer & Soil Amendments	
AP	Nature Safe (5-6-6)	Griffin Industries, Inc.	Blended Fertilizer	Fertilizer & Soil Amendments	
AP	Nature Safe (8-3-5)	Griffin Industries, Inc.	Blended Fertilizer	Fertilizer & Soil Amendments	
AP	Nature Safe (8-5-5)	Griffin Industries, Inc.	Blended Fertilizer	Fertilizer & Soil Amendments	
AP	Nature Safe (9-4-0)	Griffin Industries, Inc.	Blended Fertilizer	Fertilizer & Soil Amendments	
AP	Nature's Intent - Compost (1-1-2)	Pacific Calcium, Inc.	Compost	Fertilizer & Soil Amendments	
AP	Nature's Intent - Grower's Blend (0-1-0)	Pacific Calcium, Inc.	Blended Fertilizer	Fertilizer & Soil Amendments	
AP	Nature's Intent - Lawn, Garden, & Turf (9-3-4)	Pacific Calcium, Inc.	Blended Fertilizer	Fertilizer & Soil Amendments	
AP	Nature's Intent - Nourish (1-2.0-0.2)	Pacific Calcium, Inc.	Blended Fertilizer	Fertilizer & Soil Amendments	
AP	NC-99	Genesis Agri Products	Calcium Chloride	Fertilizer & Soil Amendments	
AP	Neemix 4.5 Botanical Agricultural Insecticide	Certis USA, LLC. (Formerly Thermo Trilogy Corp.)	Insecticide - Botanical (Neem)	Disease & Pest Control	Label use only
Pending-NOP	Nomate CM Spiral	Scentry Biologicals	Pheromones	Disease & Pest Control	Label use only
AP	North Pacific Organics Granulated Feather Meal 10-0-0	North Pacific Trading	Feather Meal	Fertilizer & Soil Amendments	
AP	North Pacific Organics (9-3-7)	North Pacific Trading	Blended Fertilizer	Fertilizer & Soil Amendments	
AP	North Pacific Organics Granulated Steamed Bone Meal (2-14-0)	North Pacific Trading	Bone Meal	Fertilizer & Soil Amendments	
AP	Nu-Cop 50 DF	Micro Flo Co.	Copper Product	Disease & Pest Control	Label use only
AP	Nu-Film-17	Miller Chemical & Fertilizer Corp.	Spray Adjuvant - Spreader/Sticker	Disease & Pest Control	Label use only
AP	Nu-Film-P	Miller Chemical & Fertilizer Corp.	Spray Adjuvant - Spreader/Sticker	Disease & Pest Control	Label use only
AP	Nu-Lure Insect Bait	Miller Chemical & Fertilizer Corp.	Feeding Stimulant	Disease & Pest Control	Label use only
AP	Nutra-Sul - Keg River 90% Degradable Elemental Sulfur	Keg River Chemical Corp	Sulfur	Fertilizer & Soil Amendments	
AP	NutriSmart Active Eco-Fertilizer (0-6-0)	CK LifeSciences Limited (Formerly CK Technology Laboratory, Ltd)	Blended Fertilizer	Fertilizer & Soil Amendments	
AP	Ocean Crop Plus	Algro Farms	Kelp	Fertilizer & Soil Amendments	
AP	Ocean Gold - Organic Fish Oil	Algro Farms	Spray Adjuvant - Sticker/Spreader	Disease & Pest Control	Label use only
AP	Ocean Harvest (12-0-0)	Algro Farms	Fish Product	Fertilizer & Soil Amendments	
AP	Omni Supreme Spray	Helena Chemical Co.	Horticultural Oil	Disease & Pest Control	Label use only
AP	Organic Adhesive Adjuvant	Monterey Chemical Co.	Spray Adjuvant - Extender/Sticker	Disease & Pest Control	Label use only
AP	Organic BioLink 5-5-5 Fertilizer	Westbridge Ag. Products	Blended Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing

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 WASHINGTON STATE DEPARTMENT OF AGRICULTURE			Sorted by Brand Name		
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Status	Brand Name	Company Name	Sub-Type	Type	Restrictions
AP	Organic BioLink All-Purpose Plus Fertilizer (3-3-3+micronutrients)	Westbridge Ag. Products	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	Organic BioLink Cal Plus	Westbridge Ag. Products	Limestone	Fertilizer & Soil Amendments	
AP	Organic BioLink Insect Repellant	Westbridge Ag. Products	Insecticide/Botanical - Garlic	Disease & Pest Control	Label use only
AP	Organic BioLink Micronutrient Fertilizer	Westbridge Ag. Products	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	Organic BioLink Surfactant & Penetrant	Westbridge Ag. Products	Spray Adjuvant - Spreader/Wetting Agent	Disease & Pest Control	Label use only
AP	Organic Complexer	Northwest Agricultural Products, Inc.	Humic Acid	Fertilizer & Soil Amendments	
AP	Organic Detergent C	CH2O, Inc.	Chlorine Dioxide Activator	Post Harvest Material	
AP	Organic Gem	Young BioProducts	Fish Product	Fertilizer & Soil Amendments	
AP	Organic JMS Stylet-Oil (Green Label Only)	JMS Flower Farms, Inc.	Horticultural Oil	Disease & Pest Control	Label use only
AP	Organic Pak II	CH2O, Inc.	Chlorine Dioxide Activator	Post Harvest Material	
AP	Organic TRIGGRR	Westbridge Ag. Products	Kelp	Fertilizer & Soil Amendments	
AP	Oxine	Bio-Cide International, Inc.	Chlorine Dioxide	Post Harvest Material	
AP	Pacific Natural Liquid Fish Fertilizer	Bella Coola Fisheries	Fish Product	Fertilizer & Soil Amendments	
AP	Peaco Organic Potting Soil	Peaco Peat Moss	Potting Soil	Fertilizer & Soil Amendments	
AP	Perfect Blend LLC	Perfect Blend Organic 4-4-4	Blended Fertilizer	Fertilizer & Soil Amendments	
AP	Pheast	Miller Chemical & Fertilizer Corp.	Feeding Stimulant	Disease & Pest Control	Label use only
AP	Phyto-Plus Boron 3% (1-0-0)	Baicor, Inc.	Boron Product	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing.
AP	Phyto-Plus Calcium 5%	Baicor, Inc.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	Phyto-Plus Cobalt 3%	Baicor, Inc.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	Phyto-Plus Copper 5%	Baicor, Inc.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	Phyto-Plus Iron 8%	Baicor, Inc.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	Phyto-Plus Magnesium 2.5%	Baicor, Inc.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	Phyto-Plus Manganese 5%	Baicor, Inc.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	Phyto-Plus Micro-Plenty	Baicor, Inc.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing

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Status	Brand Name	Company Name	Sub-Type	Type	Restrictions
AP	Phyto-Plus Molybdenum 3%	Baicor, Inc.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	Phyto-Plus Zinc 5%	Baicor, Inc.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	Planters II	Algro Farms	Mined Trace Mineral Fertilizer (Ca, Mg, S, B, Fe, Co, Mo)	Fertilizer & Soil Amendments	
AP	Plantshield Biological Foliar and Root Fungicide	BioWorks, Inc.	Fungicide - Biological (Foliar, Root, Soil)	Disease & Pest Control	Label use only
AP	Polybond N	Algro Farms	Biological Soil Amendment	Fertilizer & Soil Amendments	
AP	Power Plant Fish Emulsion Concentrate (4-1-1)	Multi-Marketing Corp.	Fish Product	Fertilizer & Soil Amendments	
AP	Power Plant Folisyn	Multi-Marketing Corp.	Humic Acid	Fertilizer & Soil Amendments	
AP	Power Plant Kelp	Multi-Marketing Corp.	Kelp	Fertilizer & Soil Amendments	
AP	Power Plant Super Fish Emulsion Concentrate (5-1-1)	Multi-Marketing Corp.	Fish Product	Fertilizer & Soil Amendments	
AP	PREP Compost / Bulk	Pierce County Recycling, Composting and Disposal dba Land Recovery, Inc.	Compost	Fertilizer & Soil Amendments	
AP	Pre-Plant Plus (7-5-7)	California Organic Fertilizer, Inc.	Blended Fertilizer	Fertilizer & Soil Amendments	
AP	Pro Bor 17	NutriAg Ltd. (Formerly Plaaskem International LTD)	Boron Product	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing.
AP	Pro Gibb Plus 2X	Valent BioSciences Corp.	Growth Regulator	Crop Production Aid	
AP	Pro Natural Boron	Northwest Agriculture Products for Wilbur Ellis Co.	Chelated Fertilizer	Fertilizer & Soil Amendments	
AP	Pro Natural Calcium	Northwest Agriculture Products for Wilbur Ellis Co.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	Pro Natural Copper	Northwest Agriculture Products for Wilbur Ellis Co.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	Pro Natural Iron	Northwest Agriculture Products for Wilbur Ellis Co.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	Pro Natural Magnesium	Northwest Agriculture Products for Wilbur Ellis Co.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	Pro Natural Manganese	Northwest Agriculture Products for Wilbur Ellis Co.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	Pro Natural Zinc	Northwest Agriculture Products for Wilbur Ellis Co.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	Promot Biological Inoculum	JH Biotech, Inc.	Biological Soil Amendment	Fertilizer & Soil Amendments	
AP	Purogene	Bio-Cide International, Inc.	Chlorine Dioxide	Post Harvest Material	
AP	Pyganic Crop Protection EC 1.4 (reformulation)	MGK, Co.	Insecticide -Botanical (Pyrethrins)	Disease & Pest Control	Label use only
AP	Pyganic Crop Protection EC 1.4 II	MGK, Co.	Insecticide -Botanical (Pyrethrins)	Disease & Pest Control	Label use only


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AP	Pyganic Crop Protection EC 5.0 II	MGK, Co.	Insecticide -Botanical (Pyrethrins)	Disease & Pest Control	Label use only
AP	Quintox Rat and Mouse Bait - PELLETS	Bell Laboratories, Inc.	Rodenticide	Disease & Pest Control	Label use only
AP	ReTain	Valent BioSciences Corp.	Growth Regulator	Crop Production Aid	
AP	Rex Lime Sulfur Solution	OR-CAL, Inc.	Lime Sulfur	Disease & Pest Control	Label use only
AP	RNA Kraft Lignosulfonate Complexed 9% Zinc	RNA Corp.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	RootShield Granules	BioWorks, Inc.	Fungicide - Biological (Soil)	Disease & Pest Control	Label use only
AP	RSA - Liqui-Cal	RSA MicroTech, Inc.	Calcium Chloride	Fertilizer & Soil Amendments	
AP	RSA - Liquid Copper 5%	RSA MicroTech, Inc.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	RSA - Liquid Field Crop Mix	RSA MicroTech, Inc.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	RSA - Liquid Manganese 5%	RSA MicroTech, Inc.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	RSA - Liquid Zinc 7%	RSA MicroTech, Inc.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	Ruffin-Tuff - Copper 5-G	RSA MicroTech, Inc.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	Ruffin-Tuff - Crop Mix I	RSA MicroTech, Inc.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	Ruffin-Tuff - Crop Mix II	RSA MicroTech, Inc.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	Ruffin-Tuff - Iron 10-G	RSA MicroTech, Inc.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	Ruffin-Tuff - Manganese 8-G	RSA MicroTech, Inc.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	Ruffin-Tuff - Zinc 10-G	RSA MicroTech, Inc.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	Serenade *Green Label only	AgraQuest, Inc.	Fungicide - Biological (Plant)	Disease & Pest Control	Label use only
AP	Solubor	U.S. Borax, Inc.	Boron Product	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing.
AP	Solubor DF	U.S. Borax, Inc.	Boron Product	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing.

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Status	Brand Name	Company Name	Sub-Type	Type	Restrictions
AP	Spraybor	NutriAg Ltd. (Formerly Plaaskem International LTD)	Boron Product	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing.
AP	Steam Boat Island Worm Farm's - Worm Castings	Steam Boat Island Worm Farm	Worm Castings and Live Worms	Fertilizer & Soil Amendments	
AP	Steamed Bone Meal (1-14-0)	Pacific Calcium, Inc.	Bone Meal	Fertilizer & Soil Amendments	
AP	Stimplex	Acadian AgriTech (Division of Acadian Seaplants Limited)	Crop Biostimulant	Crop Production Aid	Label use only
AP	Storox	BioSafe Systems	Hydrogen Dioxide	Post Harvest Material	Label use only
AP	Sulfur DF	Wilbur-Ellis Co.	Sulfur Product	Disease & Pest Control	Label use only
AP	Super "N" (12-0-0)	California Organic Fertilizer, Inc.	Feather Meal	Fertilizer & Soil Amendments	
AP	Super Fresh	Ethylene Control, Inc.	Ethylene Removal	Post Harvest Material	
AP	Superior Spray Oil NW	Wilbur-Ellis Co.	Horticultural Oil	Disease & Pest Control	Label use only
AP	Surfact 50	Northwest Agricultural Products, Inc.	Spray Adjuvant - Spreader/Wetting Agent	Disease & Pest Control	Label use only
AP	Surround CF Crop Protectant	Engelhard Corp.	Particle Film	Disease & Pest Control	Label use only
AP	Surround Crop Protectant * Note: M-03 Spreader/sticker is also approved. According to the label, M-03 can only be used with Surround or M-97-009.	Engelhard Corp.	Particle Film	Disease & Pest Control	Label use only
AP	Surround WP Crop Protectant	Engelhard Corp.	Particle Film	Disease & Pest Control	Label use only
AP	T-22 Planter Box Biological Fungicide	BioWorks, Inc.	Fungicide - Biological (Soil & Seed)	Disease & Pest Control	Label use only
AP	Tiger Organic - Sulfur 90%	Tiger Industries	Sulfur	Fertilizer & Soil Amendments	
AP	Tri-Fol	Wilbur-Ellis Co.	Spray Adjuvant - Buffer Spray & Acidification Agent	Disease & Pest Control	Label use only
AP	Trilogy Broad Spectrum Fungicide/Miticide	Certis USA, LLC. (Formerly Thermo Trilogy Corp.)	Fungicide/Miticide - Neem	Disease & Pest Control	Label use only
AP	Vapor Gard	Miller Chemical & Fertilizer Corp.	Anti-Transpirant	Disease & Pest Control	Label use only
AP	Veggie Mix (8-5-1)	California Organic Fertilizer, Inc.	Blended Fertilizer	Fertilizer & Soil Amendments	
AP	Vital Earth Resources Organic Vitazyme	Vital Earth Resources	Biological Soil Amendment	Fertilizer & Soil Amendments	
AP	Vol Cana Phos	Midwestern Bio-Ag (formerly R.O.W. Enterprises)	Rock Phosphate	Fertilizer & Soil Amendments	
AP	Walt's Agricultural Gypsum	Walt's Organic Fertilizer Co., Inc.	Gypsum	Fertilizer & Soil Amendments	
AP	Walt's Agricultural Limestone Flour	Walt's Organic Fertilizer Co., Inc.	Limestone	Fertilizer & Soil Amendments	
AP	Walt's Alfalfa Meal (1-1-8)	Walt's Organic Fertilizer Co., Inc.	Alfalfa Meal	Fertilizer & Soil Amendments	
AP	Walt's Container Plant Food (4-4-4)	Walt's Organic Fertilizer Co., Inc.	Blended Fertilizer	Fertilizer & Soil Amendments	
AP	Walt's Cotton Seed Meal (4-3-6)	Walt's Organic Fertilizer Co., Inc.	Cotton Seed Meal	Fertilizer & Soil Amendments	
AP	Walt's Crab Meal (2-1-11)	Walt's Organic Fertilizer Co., Inc.	Crab Meal	Fertilizer & Soil Amendments	
AP	Walt's Earthnut Blend (1-7-0)	Walt's Organic Fertilizer Co., Inc.	Blended Fertilizer	Fertilizer & Soil Amendments	
AP	Walt's Fish Bone Meal (4-17-1)	Walt's Organic Fertilizer Co., Inc.	Fish Bone Meal	Fertilizer & Soil Amendments	
AP	Walt's Fish Meal (10-6-0)	Walt's Organic Fertilizer Co., Inc.	Fish Product	Fertilizer & Soil Amendments	
AP	Walt's Kelp Meal (4-1-8)	Walt's Organic Fertilizer Co., Inc.	Kelp	Fertilizer & Soil Amendments	


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Status	Brand Name	Company Name	Sub-Type	Type	Restrictions
AP	Walt's Organic Mushroom Compost	Walt's Organic Fertilizer Co., Inc.	Compost	Fertilizer & Soil Amendments	
AP	Walt's Organic Weed Stopper Plus (10-0-1)	Walt's Organic Fertilizer Co., Inc.	Corn Gluten -(Weed Suppression)	Disease & Pest Control	Label use only
AP	Walt's Organic Weed Stopper Plus (10-0-1)	Walt's Organic Fertilizer Co., Inc.	Corn Gluten	Fertilizer & Soil Amendments	
AP	Walt's Rainy Pacific NW Blend (7-4-9)	Walt's Organic Fertilizer Co., Inc.	Blended Fertilizer	Fertilizer & Soil Amendments	
AP	Walt's Regular Feed (9-3-5)	Walt's Organic Fertilizer Co., Inc.	Blended Fertilizer	Fertilizer & Soil Amendments	
AP	Walt's Starter Feed (7-7-2)	Walt's Organic Fertilizer Co., Inc.	Blended Fertilizer	Fertilizer & Soil Amendments	
AP	Wilbur Ellis Dusting Sulfur	Wilbur-Ellis Co.	Sulfur Product	Disease & Pest Control	Label use only
AP	Wil-Gro Hort Oil 98-2	Wilbur-Ellis Co.	Horticultural Oil	Disease & Pest Control	Label use only
AP	Wil-Gro Proganic (8-2-4)	Wilbur-Ellis Co.	Blended Fertilizer	Fertilizer & Soil Amendments	
AP	Wonder Green	Cito Enterprises, Inc.	Biological Soil Amendment	Fertilizer & Soil Amendments	
AP	Yellowstone Brand Disintegrating 90% Sulfur	Montana Sulfur & Chemical Co.	Elemental Sulfur	Fertilizer & Soil Amendments	
AP	Yellowstone Brand High Purity Sulfur Prills	Montana Sulfur & Chemical Co.	Elemental Sulfur	Fertilizer & Soil Amendments	
AP	Zinc Max	NutriAg Ltd. (Formerly Plaaskem International LTD)	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	Zinc PolyAmine	Northwest Agricultural Products, Inc.	Chelated Fertilizer	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing
AP	Zinc Sulfate Monohydrate 35.5%	Mineral King Minerals, Inc.	Zinc Sulfate	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing.
AP	Zinc Sulfate Monohydrate Granular 35.5%	Mineral King Minerals, Inc.	Zinc Sulfate	Fertilizer & Soil Amendments	Soil deficiency must be documented by testing.

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AP	Crop Production Aid	Bee Attractant	Bee-Scent	Scentry Biologicals	
AP	Crop Production Aid	Biological Soil Amendment	Mycormax	JH Biotech, Inc.	
AP	Crop Production Aid	Crop Biostimulant	Stimplex	Acadian AgriTech (Division of Acadian Seaplants Limited)	Label use only
AP	Crop Production Aid	Growth Regulator	Bio-Activate	JH Biotech, Inc.	
AP	Crop Production Aid	Growth Regulator	Biozyme	JH Biotech, Inc.	
AP	Crop Production Aid	Growth Regulator	Compac 500	Northwest Agricultural Products, Inc.	
AP	Crop Production Aid	Growth Regulator	Cytokine Bioregulator Concentrate	P.B.T., Inc. dba Plant BioTech, Inc.	
AP	Crop Production Aid	Growth Regulator	Cyzer Plant Growth Regulator	P.B.T., Inc. dba Plant BioTech, Inc.	
AP	Crop Production Aid	Growth Regulator	GibGro 20% Powder Plant Growth Regulator	GibGro 20% Powder Plant Growth Regulator	
AP	Crop Production Aid	Growth Regulator	Pro Gibb Plus 2X	Valent BioSciences Corp.	
AP	Crop Production Aid	Growth Regulator	ReTain	Valent BioSciences Corp.	
AP	Crop Production Aid	Growth Regulator	Falgro 4 L	Fine Agrochemicals Ltd,	
AP	Crop Production Aid	Irrigation Water Treatment	In-Fuse O	Northwest Agricultural Products, Inc.	
AP	Crop Production Aid	Seed Protectant	100% Alder Bark	UAP Northwest	
AP	Crop Production Aid	Wetting Agent	Natural Wet	JH Biotech, Inc.	
AP	Disease & Pest Control	Animal Repellent	Hot Sauce Animal Repellent	Miller Chemical & Fertilizer Corp.	Label use only
AP	Disease & Pest Control	Anti-Transpirant	Vapor Gard	Miller Chemical & Fertilizer Corp.	Label use only
AP	Disease & Pest Control	Bacillus thuringiensis	Deliver Biological Insecticide	Certis USA, LLC. (Formerly Thermo Trilogy Corp.)	Label use only
AP	Disease & Pest Control	Bacillus thuringiensis	DiPel DF	Valent BioSciences Corp.	Label use only
AP	Disease & Pest Control	Bacillus thuringiensis	Javelin WG	Certis USA, LLC. (Formerly Thermo Trilogy Corp.)	Label use only
AP	Disease & Pest Control	Bacillus thuringiensis/ Sulfur	BT 320 Sulfur 25 Dust	Wilbur-Ellis Co.	Label use only
AP	Disease & Pest Control	Biological Competitive Agent	Bloomtime Biological	Northwest Agricultural Products, Inc.	Label use only
AP	Disease & Pest Control	Biological Competitive Agent	Bloomtime Biological (Wettable Powder Formulation)	Northwest Agricultural Products, Inc.	Label use only
AP	Disease & Pest Control	Copper Product	Basicop	Griffin LLC	Label use only
AP	Disease & Pest Control	Copper Product	Champion Wettable Powder	Nufarm Americas, Inc. (Formerly Agtrol International)	Label use only
AP	Disease & Pest Control	Copper Product	Clean Crop COCS WDG	UAP Northwest	Label use only
AP	Disease & Pest Control	Copper Product	Nu-Cop 50 DF	Micro Flo Co.	Label use only
AP	Disease & Pest Control	Corn Gluten -(Weed Suppression)	Walt's Organic Weed Stopper Plus (10-0-1)	Walt's Organic Fertilizer Co., Inc.	Label use only
AP	Disease & Pest Control	Feeding Stimulant	Bioenhancer	JH Biotech, Inc.	Label use only
AP	Disease & Pest Control	Feeding Stimulant	Nu-Lure Insect Bait	Miller Chemical & Fertilizer Corp.	Label use only
AP	Disease & Pest Control	Feeding Stimulant	Pheast	Miller Chemical & Fertilizer Corp.	Label use only
AP	Disease & Pest Control	Fungicide - Biological (Foliar, Root, Soil)	Plantshield Biological Foliar and Root Fungicide	BioWorks, Inc.	Label use only
AP	Disease & Pest Control	Fungicide - Biological (Plant)	Serenade *Green Label only	AgraQuest, Inc.	Label use only
AP	Disease & Pest Control	Fungicide - Biological (Post Harvest)	Aspire Biofungicide	Ecogen, Inc.	Label use only
AP	Disease & Pest Control	Fungicide - Biological (Powdery Mildew)	AQ 10 Biofungicide	Ecogen, Inc.	Label use only
AP	Disease & Pest Control	Fungicide - Biological (Soil & Seed)	T-22 Planter Box Biological Fungicide	BioWorks, Inc.	Label use only
AP	Disease & Pest Control	Fungicide - Biological (Soil)	RootShield Granules	BioWorks, Inc.	Label use only
AP	Disease & Pest Control	Fungicide - Botanical (Powdery Mildew)	E-RASE ECO	IJO Products, LLC	Label use only

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Status	Type of Product	Sub-Type	Brand Name	Company	Restrictions
AP	Disease & Pest Control	Fungicide - Botanical (Powdery Mildew)	GC-3	JH Biotech, Inc.	Label use only
AP	Disease & Pest Control	Fungicide - Potassium Bicarbonate	Kaligreen - Potassium Bicarbonate	Arysta LifeScience America, Inc. (Formerly: Nichimen America, Inc.)	Label use only
AP	Disease & Pest Control	Fungicide/Bactericide - Antibiotic	Mycoshield	Syngenta Crop Protection (Formerly Novartis)	Label use only. For Fire Blight Control Only
AP	Disease & Pest Control	Fungicide/Miticide - Neem	Trilogy Broad Spectrum Fungicide/Miticide	Certis USA, LLC. (Formerly Thermo Trilogy Corp.)	Label use only
AP	Disease & Pest Control	Horticultural Oil	GSL Gemini Supreme Spray Oil	G.S. Long Co., Inc.	Label use only
AP	Disease & Pest Control	Horticultural Oil	Omni Supreme Spray	Helena Chemical Co.	Label use only
AP	Disease & Pest Control	Horticultural Oil	Organic JMS Stylet-Oil (Green Label Only)	JMS Flower Farms, Inc.	Label use only
AP	Disease & Pest Control	Horticultural Oil	Superior Spray Oil NW	Wilbur-Ellis Co.	Label use only
AP	Disease & Pest Control	Horticultural Oil	Wil-Gro Hort Oil 98-2	Wilbur-Ellis Co.	Label use only
AP	Disease & Pest Control	Insect Repellent - Garlic	Allityn Insect Repellent	Helena Chemical Co.	Label use only
AP	Disease & Pest Control	Insect Repellent - Garlic	Biorepel	JH Biotech, Inc.	Label use only
AP	Disease & Pest Control	Insect Repellent - Garlic	Garlic Barrier AG +	Garlic Research Labs, Inc.	Label use only
AP	Disease & Pest Control	Insect, Bird & Deer Repellent	Go	Algro Farms	Label use only
AP	Disease & Pest Control	Insecticide - Botanical (Neem)	Agroneem	Agro Logistic Systems, Inc.	Label use only
AP	Disease & Pest Control	Insecticide - Botanical (Neem)	AZA-Direct	Gowan, Co.	Label use only
AP	Disease & Pest Control	Insecticide - Botanical (Neem)	Neemix 4.5 Botanical Agricultural Insecticide	Certis USA, LLC. (Formerly Thermo Trilogy Corp.)	Label use only
AP	Disease & Pest Control	Insecticide -Botanical (Pyrethrins)	Pyganic Crop Protection EC 1.4 (reformulation)	MGK, Co.	Label use only
AP	Disease & Pest Control	Insecticide -Botanical (Pyrethrins)	Pyganic Crop Protection EC 1.4 II	MGK, Co.	Label use only
AP	Disease & Pest Control	Insecticide -Botanical (Pyrethrins)	Pyganic Crop Protection EC 5.0 II	MGK, Co.	Label use only
AP	Disease & Pest Control	Insecticide/Botanical - Garlic	Organic BioLink Insect Repellent	Westbridge Ag. Products	Label use only
AP	Disease & Pest Control	Insecticide/Miticide - Botanical (Blend)	GC-Mite	JH Biotech, Inc.	Label use only
AP	Disease & Pest Control	Lime Sulfur	Rex Lime Sulfur Solution	OR-CAL, Inc.	Label use only
AP	Disease & Pest Control	Microbial Product	BlightBan A506	Plant Health Technologies	Label use only
AP	Disease & Pest Control	Nematodes	Deny Liquid Biological Nematicide	Stine Microbial Products	Label use only
AP	Disease & Pest Control	Particle Film	Surround CF Crop Protectant	Engelhard Corp.	Label use only
AP	Disease & Pest Control	Particle Film	Surround Crop Protectant * Note: M-03 Spreader/sticker is also approved. According to the label, M-03 can only be used with Surround or M-97-009.	Engelhard Corp.	Label use only
AP	Disease & Pest Control	Particle Film	Surround WP Crop Protectant	Engelhard Corp.	Label use only
Pending-NOP	Disease & Pest Control	Pheromones	CheckMate CM	Suterra, LLC (Formerly Consep, Inc.)	Label use only
Pending-NOP	Disease & Pest Control	Pheromones	CheckMate CM-WS	Suterra, LLC (Formerly Consep, Inc.)	Label use only
Pending-NOP	Disease & Pest Control	Pheromones	CheckMate CM-XL 1000	Suterra, LLC (Formerly Consep, Inc.)	Label use only
Pending-NOP	Disease & Pest Control	Pheromones	CheckMate PTB-XL Dispenser	Suterra, LLC (Formerly Consep, Inc.)	Label use only
Pending-NOP	Disease & Pest Control	Pheromones	Hercon Disrupt CM-XTRA	Aberdeen Road. Co. d.b.a. Hercon Environmental	Label use only
Pending-NOP	Disease & Pest Control	Pheromones	Isomate - C Plus	Pacific BioControl Corp.	Label use only
Pending-NOP	Disease & Pest Control	Pheromones	Isomate - C TT	Pacific BioControl Corp.	Label use only
Pending-NOP	Disease & Pest Control	Pheromones	Isomate - CM / LR Pheromone	Pacific BioControl Corp.	Label use only
Pending-NOP	Disease & Pest Control	Pheromones	Isomate - M 100	Pacific BioControl Corp.	Label use only
Pending-NOP	Disease & Pest Control	Pheromones	Isomate - OBLR/PLR	Pacific BioControl Corp.	Label use only

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Status	Type of Product	Sub-Type	Brand Name	Company	Restrictions
Pending-NOP	Disease & Pest Control	Pheromones	Isomate - OBLR/PLR PLUS	Pacific BioControl Corp.	Label use only
Pending-NOP	Disease & Pest Control	Pheromones	Isomate - P Pheromone	Pacific BioControl Corp.	Label use only
Pending-NOP	Disease & Pest Control	Pheromones	Nomate CM Spiral	Scentry Biologicals	Label use only
AP	Disease & Pest Control	Rodenticide	Quintox Rat and Mouse Bait -PELLETS	Bell Laboratories, Inc.	Label use only
AP	Disease & Pest Control	Spray Adjuvant - Buffer Spray & Acidification Agent	Tri-Fol	Wilbur-Ellis Co.	Label use only
AP	Disease & Pest Control	Spray Adjuvant - Extender/Sticker	Organic Adhesive Adjuvant	Monterey Chemical Co.	Label use only
AP	Disease & Pest Control	Spray Adjuvant - Spreader/Sticker	Nu-Film-17	Miller Chemical & Fertilizer Corp.	Label use only
AP	Disease & Pest Control	Spray Adjuvant - Spreader/Sticker	Nu-Film-P	Miller Chemical & Fertilizer Corp.	Label use only
AP	Disease & Pest Control	Spray Adjuvant - Spreader/Wetting Agent	Organic BioLink Surfactant & Penetrant	Westbridge Ag. Products	Label use only
AP	Disease & Pest Control	Spray Adjuvant - Spreader/Wetting Agent	Surfact 50	Northwest Agricultural Products, Inc.	Label use only
AP	Disease & Pest Control	Spray Adjuvant - Sticker/Spreader	Ocean Gold - Organic Fish Oil	Algro Farms	Label use only
AP	Disease & Pest Control	Sulfur Product	Kumulus DF	Micro Flo Co.	Label use only
AP	Disease & Pest Control	Sulfur Product	Micro Sulf Micronized Wettable Sulfur	Nufarm Americas, Inc. (Formerly Agtrol International)	Label use only
AP	Disease & Pest Control	Sulfur Product	Sulfur DF	Wilbur-Ellis Co.	Label use only
AP	Disease & Pest Control	Sulfur Product	Wilbur Ellis Dusting Sulfur	Wilbur-Ellis Co.	Label use only
AP	Fertilizer & Soil Amendments	Alfalfa Meal	Walt's Alfalfa Meal (1-1-8)	Walt's Organic Fertilizer Co., Inc.	
AP	Fertilizer & Soil Amendments	Biological Fertilizer	BFMS Biogenesis I (3-0-3)	Tainio Technology and Technique, Inc.	
AP	Fertilizer & Soil Amendments	Biological Fertilizer	BFMS Spectrum	Tainio Technology and Technique, Inc.	
AP	Fertilizer & Soil Amendments	Biological Soil Amendment	Actino-Iron	Natural Industries, Inc.	
AP	Fertilizer & Soil Amendments	Biological Soil Amendment	Actinovate Soluble	Natural Industries, Inc.	
AP	Fertilizer & Soil Amendments	Biological Soil Amendment	Alga-Fix	R & A Plant/Soil, Inc.	
AP	Fertilizer & Soil Amendments	Biological Soil Amendment	Alga-Min	R & A Plant/Soil, Inc.	
AP	Fertilizer & Soil Amendments	Biological Soil Amendment	Alga-Tilth	R & A Plant/Soil, Inc.	
AP	Fertilizer & Soil Amendments	Biological Soil Amendment	BFMS Nutra Need	Tainio Technology and Technique, Inc.	
AP	Fertilizer & Soil Amendments	Biological Soil Amendment	BFMS Pepzyme Clear	Tainio Technology and Technique, Inc.	
AP	Fertilizer & Soil Amendments	Biological Soil Amendment	BioVam	T & J Enterprises	
AP	Fertilizer & Soil Amendments	Biological Soil Amendment	Micro 108 Soluble Biological Inoculant	Natural Industries, Inc.	
AP	Fertilizer & Soil Amendments	Biological Soil Amendment	Polybond N	Algro Farms	
AP	Fertilizer & Soil Amendments	Biological Soil Amendment	Promot Biological Inoculum	JH Biotech, Inc.	
AP	Fertilizer & Soil Amendments	Biological Soil Amendment	Vital Earth Resources Organic Vitazyme	Vital Earth Resources	
AP	Fertilizer & Soil Amendments	Biological Soil Amendment	Wonder Green	Cito Enterprises, Inc.	
AP	Fertilizer & Soil Amendments	Blended Fertilizer	BFMS Micro 5000 Organic (0-0-15)	Tainio Technology and Technique, Inc.	
AP	Fertilizer & Soil Amendments	Blended Fertilizer	BioGro (10-4-2)	Bio-Oregon, Inc.	
AP	Fertilizer & Soil Amendments	Blended Fertilizer	BioGro (7-7-2)	Bio-Oregon, Inc.	


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Status	Type of Product	Sub-Type	Brand Name	Company	Restrictions
AP	Fertilizer & Soil Amendments	Blended Fertilizer	BioGro (9-3-5)	Bio-Oregon, Inc.	
AP	Fertilizer & Soil Amendments	Blended Fertilizer	Bone Meal Plus (5-10-1)	California Organic Fertilizer, Inc.	
AP	Fertilizer & Soil Amendments	Blended Fertilizer	Eco-Min Natural	Optimum Yield, Inc (Formerly Martin Marietta Technologies Corp.)	
AP	Fertilizer & Soil Amendments	Blended Fertilizer	Hendrikus Schraven Organics Complete Fertilizer (6-4-4)	Hendrikus Schraven Organics	
AP	Fertilizer & Soil Amendments	Blended Fertilizer	Hendrikus Schraven Organics Organobloom Fertilizer (5-2-4)	Hendrikus Schraven Organics	
AP	Fertilizer & Soil Amendments	Blended Fertilizer	Hendrikus Schraven Organics Seasons Turf Fertilizer (8-2-4)	Hendrikus Schraven Organics	
AP	Fertilizer & Soil Amendments	Blended Fertilizer	Intrepid Blue Ribbon Biodynamic Fertilizer	The Center for Holistic Advanced Organic Studies	
AP	Fertilizer & Soil Amendments	Blended Fertilizer	Nature Safe (10-2-8)	Griffin Industries, Inc.	
AP	Fertilizer & Soil Amendments	Blended Fertilizer	Nature Safe (12-2-0)	Griffin Industries, Inc.	
AP	Fertilizer & Soil Amendments	Blended Fertilizer	Nature Safe (5-6-6)	Griffin Industries, Inc.	
AP	Fertilizer & Soil Amendments	Blended Fertilizer	Nature Safe (8-3-5)	Griffin Industries, Inc.	
AP	Fertilizer & Soil Amendments	Blended Fertilizer	Nature Safe (8-5-5)	Griffin Industries, Inc.	
AP	Fertilizer & Soil Amendments	Blended Fertilizer	Nature Safe (9-4-0)	Griffin Industries, Inc.	
AP	Fertilizer & Soil Amendments	Blended Fertilizer	Nature's Intent - Grower's Blend (0-1-0)	Pacific Calcium, Inc.	
AP	Fertilizer & Soil Amendments	Blended Fertilizer	Nature's Intent - Lawn, Garden, & Turf (9-3-4)	Pacific Calcium, Inc.	
AP	Fertilizer & Soil Amendments	Blended Fertilizer	Nature's Intent - Nourish (1-2.0-0.2)	Pacific Calcium, Inc.	
AP	Fertilizer & Soil Amendments	Blended Fertilizer	North Pacific Organics (9-3-7)	North Pacific Trading	
AP	Fertilizer & Soil Amendments	Blended Fertilizer	NutriSmart Active Eco-Fertilizer (0-6-0)	CK LifeSciences Limited (Formerly CK Technology Laboratory, Ltd)	
AP	Fertilizer & Soil Amendments	Blended Fertilizer	Perfect Blend LLC	Perfect Blend Organic 4-4-4	
AP	Fertilizer & Soil Amendments	Blended Fertilizer	Pre-Plant Plus (7-5-7)	California Organic Fertilizer, Inc.	
AP	Fertilizer & Soil Amendments	Blended Fertilizer	Veggie Mix (8-5-1)	California Organic Fertilizer, Inc.	
AP	Fertilizer & Soil Amendments	Blended Fertilizer	Walt's Container Plant Food (4-4-4)	Walt's Organic Fertilizer Co., Inc.	
AP	Fertilizer & Soil Amendments	Blended Fertilizer	Walt's Earthnut Blend (1-7-0)	Walt's Organic Fertilizer Co., Inc.	
AP	Fertilizer & Soil Amendments	Blended Fertilizer	Walt's Rainy Pacific NW Blend (7-4-9)	Walt's Organic Fertilizer Co., Inc.	
AP	Fertilizer & Soil Amendments	Blended Fertilizer	Walt's Regular Feed (9-3-5)	Walt's Organic Fertilizer Co., Inc.	
AP	Fertilizer & Soil Amendments	Blended Fertilizer	Walt's Starter Feed (7-7-2)	Walt's Organic Fertilizer Co., Inc.	
AP	Fertilizer & Soil Amendments	Blended Fertilizer	Wil-Gro Proganic (8-2-4)	Wilbur-Ellis Co.	
AP	Fertilizer & Soil Amendments	Blended Fertilizer	First Choice LZN 8.50	Western Farm Service, Inc.	
AP	Fertilizer & Soil Amendments	Blended Fertilizer	Green Earth Organic Bouquet Flower, Rose & Bulb Food (4-8-4)	Soil Conditioners, Inc.	
AP	Fertilizer & Soil Amendments	Blended Fertilizer	Green Earth Organic Complete	Soil Conditioners, Inc.	
AP	Fertilizer & Soil Amendments	Blended Fertilizer	Green Earth Organic OrganoBloom (5-2-4)	Soil Conditioners, Inc.	
AP	Fertilizer & Soil Amendments	Blended Fertilizer	Green Earth Organic Seasons	Soil Conditioners, Inc.	


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AP	Fertilizer & Soil Amendments	Blended Fertilizer	Organic BioLink 5-5-5 Fertilizer	Westbridge Ag. Products	Soil deficiency must be documented by testing.
AP	Fertilizer & Soil Amendments	Bone Meal	North Pacific Organics Granulated Steamed Bone Meal (2-14-0)	North Pacific Trading	
AP	Fertilizer & Soil Amendments	Bone Meal	Steamed Bone Meal (1-14-0)	Pacific Calcium, Inc.	
AP	Fertilizer & Soil Amendments	Boron Product	B-17 Boric Acid Spray	Nutrient Technologies, Inc.	Soil deficiency must be documented by testing.
AP	Fertilizer & Soil Amendments	Boron Product	Biomin Boron 3% (2-0-0)	JH Biotech, Inc.	Soil deficiency must be documented by testing.
AP	Fertilizer & Soil Amendments	Boron Product	Fertibor	U.S. Borax, Inc.	Soil deficiency must be documented by testing.
AP	Fertilizer & Soil Amendments	Boron Product	Granubor 15%	U.S. Borax, Inc.	Soil deficiency must be documented by testing.
AP	Fertilizer & Soil Amendments	Boron Product	Liquid Solubor	U.S. Borax, Inc.	Soil deficiency must be documented by testing.
AP	Fertilizer & Soil Amendments	Boron Product	Mor-Bor 17	Genesis Agri Products	Soil deficiency must be documented by testing.
AP	Fertilizer & Soil Amendments	Boron Product	Phyto-Plus Boron 3% (1-0-0)	Baicor, Inc.	Soil deficiency must be documented by testing.
AP	Fertilizer & Soil Amendments	Boron Product	Pro Bor 17	NutriAg Ltd. (Formerly Plaaskem International LTD)	Soil deficiency must be documented by testing.
AP	Fertilizer & Soil Amendments	Boron Product	Solubor	U.S. Borax, Inc.	Soil deficiency must be documented by testing.
AP	Fertilizer & Soil Amendments	Boron Product	Solubor DF	U.S. Borax, Inc.	Soil deficiency must be documented by testing.
AP	Fertilizer & Soil Amendments	Boron Product	Spraybor	NutriAg Ltd. (Formerly Plaaskem International LTD)	Soil deficiency must be documented by testing.
AP	Fertilizer & Soil Amendments	Calcium Chloride	Cal-Plex 12	Northwest Agricultural Products, Inc.	
AP	Fertilizer & Soil Amendments	Calcium Chloride	First Choice Organo-Cal	Western Farm Service, Inc.	
AP	Fertilizer & Soil Amendments	Calcium Chloride	Natural Cal - Genesis	Genesis Agri Products	
AP	Fertilizer & Soil Amendments	Calcium Chloride	NC-99	Genesis Agri Products	
AP	Fertilizer & Soil Amendments	Calcium Chloride	RSA - Liqui-Cal	RSA MicroTech, Inc.	
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Biomin Booster (11)	JH Biotech, Inc.	Soil deficiency must be documented by testing.

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Status	Type of Product	Sub-Type	Brand Name	Company	Restrictions
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Biomin Booster (126)	JH Biotech, Inc.	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Biomin Booster (221)	JH Biotech, Inc.	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Biomin Booster (235) (2-0-0)	JH Biotech, Inc.	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Biomin Calcium 7% (2-0-0)	JH Biotech, Inc.	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Biomin Copper 4% (2-0-0)	JH Biotech, Inc.	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Biomin Iron 5% (2-0-0)	JH Biotech, Inc.	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Biomin Magnesium 3% (2-0-0)	JH Biotech, Inc.	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Biomin Manganese 5% (2-0-0)	JH Biotech, Inc.	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Biomin Zinc 7% (2-0-0)	JH Biotech, Inc.	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Calcimax Natural	NutriAg Ltd. (Formerly Plaaskem International LTD)	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Calcium PolyAmine	Northwest Agricultural Products, Inc.	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Copper PolyAmine	Northwest Agricultural Products, Inc.	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Foli-Gro Gold Multi-Mineral	Northwest Agriculture Products for Wilbur Ellis Co.	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Green Cypress Copper 5%	Monterey Chemical Co.	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Green Cypress Crop Mix	Monterey Chemical Co.	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Green Cypress Iron 5%	Monterey Chemical Co.	Soil deficiency must be documented by testing

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Status	Type of Product	Sub-Type	Brand Name	Company	Restrictions
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Green Cypress Magnesium 4%	Monterey Chemical Co.	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Green Cypress Manganese 7%	Monterey Chemical Co.	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Green Cypress Tree & Vine Mix	Monterey Chemical Co.	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Green Cypress Zinc 10%	Monterey Chemical Co.	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Green Cypress Zinc 7%	Monterey Chemical Co.	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Iron PolyAmine	Northwest Agricultural Products, Inc.	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Magnesium PolyAmine	Northwest Agricultural Products, Inc.	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Manganese PolyAmine	Northwest Agricultural Products, Inc.	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Micro-Pak PolyAmine	Northwest Agricultural Products, Inc.	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Organic BioLink All-Purpose Plus Fertilizer (3-3-3+micronutrients)	Westbridge Ag. Products	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Organic BioLink Micronutrient Fertilizer	Westbridge Ag. Products	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Phyto-Plus Calcium 5%	Baicor, Inc.	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Phyto-Plus Cobalt 3%	Baicor, Inc.	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Phyto-Plus Copper 5%	Baicor, Inc.	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Phyto-Plus Iron 8%	Baicor, Inc.	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Phyto-Plus Magnesium 2.5%	Baicor, Inc.	Soil deficiency must be documented by testing

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Status	Type of Product	Sub-Type	Brand Name	Company	Restrictions
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Phyto-Plus Manganese 5%	Baicor, Inc.	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Phyto-Plus Micro-Plenty	Baicor, Inc.	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Phyto-Plus Molybdenum 3%	Baicor, Inc.	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Phyto-Plus Zinc 5%	Baicor, Inc.	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Pro Natural Boron	Northwest Agriculture Products for Wilbur Ellis Co.	
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Pro Natural Calcium	Northwest Agriculture Products for Wilbur Ellis Co.	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Pro Natural Copper	Northwest Agriculture Products for Wilbur Ellis Co.	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Pro Natural Iron	Northwest Agriculture Products for Wilbur Ellis Co.	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Pro Natural Magnesium	Northwest Agriculture Products for Wilbur Ellis Co.	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Pro Natural Manganese	Northwest Agriculture Products for Wilbur Ellis Co.	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Pro Natural Zinc	Northwest Agriculture Products for Wilbur Ellis Co.	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	RNA Kraft Lignosulfonate Complexed 9% Zinc	RNA Corp.	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	RSA - Liquid Copper 5%	RSA MicroTech, Inc.	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	RSA - Liquid Field Crop Mix	RSA MicroTech, Inc.	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	RSA - Liquid Manganese 5%	RSA MicroTech, Inc.	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	RSA - Liquid Zinc 7%	RSA MicroTech, Inc.	Soil deficiency must be documented by testing

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AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Ruffin-Tuff - Copper 5-G	RSA MicroTech, Inc.	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Ruffin-Tuff - Crop Mix I	RSA MicroTech, Inc.	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Ruffin-Tuff - Crop Mix II	RSA MicroTech, Inc.	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Ruffin-Tuff - Iron 10-G	RSA MicroTech, Inc.	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Ruffin-Tuff - Manganese 8-G	RSA MicroTech, Inc.	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Ruffin-Tuff - Zinc 10-G	RSA MicroTech, Inc.	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Zinc Max	NutriAg Ltd. (Formerly Plaaskem International LTD)	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Chelated Fertilizer	Zinc PolyAmine	Northwest Agricultural Products, Inc.	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Cocoa Mulch	Cocoa Mulch	Mirana International Natural Resources Division	
AP	Fertilizer & Soil Amendments	Compost	Nature's Intent - Compost (1-1-2)	Pacific Calcium, Inc.	
AP	Fertilizer & Soil Amendments	Compost	PREP Compost / Bulk	Pierce County Recycling, Composting and Disposal dba Land Recovery, Inc.	
AP	Fertilizer & Soil Amendments	Compost	Walt's Organic Mushroom Compost	Walt's Organic Fertilizer Co., Inc.	
AP	Fertilizer & Soil Amendments	Corn Gluten	Walt's Organic Weed Stopper Plus (10-0-1)	Walt's Organic Fertilizer Co., Inc.	
AP	Fertilizer & Soil Amendments	Cotton Seed Meal	Walt's Cotton Seed Meal (4-3-6)	Walt's Organic Fertilizer Co., Inc.	
AP	Fertilizer & Soil Amendments	Crab Meal	Walt's Crab Meal (2-1-11)	Walt's Organic Fertilizer Co., Inc.	
AP	Fertilizer & Soil Amendments	Crab Shell	Ground Crab Shell (6-8-0)	Bio-Oregon, Inc.	
AP	Fertilizer & Soil Amendments	Dolomite	Dolomite	Ash Grove Cement Company	
AP	Fertilizer & Soil Amendments	Earthworm Castings	Barefoot Soil	Yelm Earthworm & Castings Farm	
AP	Fertilizer & Soil Amendments	Elemental Sulfur	Yellowstone Brand Disintegrating 90% Sulfur	Montana Sulfur & Chemical Co.	
AP	Fertilizer & Soil Amendments	Elemental Sulfur	Yellowstone Brand High Purity Sulfur Prills	Montana Sulfur & Chemical Co.	
AP	Fertilizer & Soil Amendments	Feather Meal	Feather Tea	Regreen Solutions, Inc.	
AP	Fertilizer & Soil Amendments	Feather Meal	Granulated Feather Meal (13-0-0)	Pacific Calcium, Inc.	
AP	Fertilizer & Soil Amendments	Feather Meal	Green Earth Organic Feather Meal	Soil Conditioners, Inc.	
AP	Fertilizer & Soil Amendments	Feather Meal	North Pacific Organics Granulated Feather Meal 10-0-0	North Pacific Trading	


2003 Brand Name Materials List (Version 1 - 1/17/2003)

 WASHINGTON STATE DEPARTMENT OF AGRICULTURE			Sorted by Type of Product		
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Status	Type of Product	Sub-Type	Brand Name	Company	Restrictions
AP	Fertilizer & Soil Amendments	Feather Meal	Super "N" (12-0-0)	California Organic Fertilizer, Inc.	
AP	Fertilizer & Soil Amendments	Fish Bone Meal	Walt's Fish Bone Meal (4-17-1)	Walt's Organic Fertilizer Co., Inc.	
AP	Fertilizer & Soil Amendments	Fish Product	Ascent HI-N (11-0-0)	Cascade Distributing Co.	
AP	Fertilizer & Soil Amendments	Fish Product	BioGan (12-2-1) Wettable Fish Powder	Bio-Oregon, Inc.	
AP	Fertilizer & Soil Amendments	Fish Product	BioGan (3-2-2) Liquid Fish Fertilizer	Bio-Oregon, Inc.	
AP	Fertilizer & Soil Amendments	Fish Product	BioGan (4-3-2) Liquid Fish Fertilizer	Bio-Oregon, Inc.	
AP	Fertilizer & Soil Amendments	Fish Product	Fish Agra (4-1-1)	Northeast Organics, Inc.	
AP	Fertilizer & Soil Amendments	Fish Product	Kelly Green Organic Fertilizer (2-1.50-0.24)	Global Recycling and Research	
AP	Fertilizer & Soil Amendments	Fish Product	Marizyme Fishlizer (7-1-1)	Port Organic Products	
AP	Fertilizer & Soil Amendments	Fish Product	Marizyme Fishlizer (8-5-2)	Port Organic Products	
AP	Fertilizer & Soil Amendments	Fish Product	Ocean Harvest (12-0-0)	Algro Farms	
AP	Fertilizer & Soil Amendments	Fish Product	Organic Gem	Young BioProducts	
AP	Fertilizer & Soil Amendments	Fish Product	Pacific Natural Liquid Fish Fertilizer	Bella Coola Fisheries	
AP	Fertilizer & Soil Amendments	Fish Product	Power Plant Fish Emulsion Concentrate (4-1-1)	Multi-Marketing Corp.	
AP	Fertilizer & Soil Amendments	Fish Product	Power Plant Super Fish Emulsion Concentrate (5-1-1)	Multi-Marketing Corp.	
AP	Fertilizer & Soil Amendments	Fish Product	Walt's Fish Meal (10-6-0)	Walt's Organic Fertilizer Co., Inc.	
AP	Fertilizer & Soil Amendments	Fulvic Acid	Fulmax 3%	JH Biotech, Inc.	
AP	Fertilizer & Soil Amendments	Gypsum	Canadian Mountain Gypsum	Pacific Calcium, Inc.	
AP	Fertilizer & Soil Amendments	Gypsum	Good Stuff Gypsum	Art Wilson Co.	
AP	Fertilizer & Soil Amendments	Gypsum	Greenacres Granular Gypsum	Greenacres Gypsum & Lime Co., Inc.	
AP	Fertilizer & Soil Amendments	Gypsum	Walt's Agricultural Gypsum	Walt's Organic Fertilizer Co., Inc.	
AP	Fertilizer & Soil Amendments	Humic Acid	Humax 12%	JH Biotech, Inc.	
AP	Fertilizer & Soil Amendments	Humic Acid	Organic Complexer	Northwest Agricultural Products, Inc.	
AP	Fertilizer & Soil Amendments	Humic Acid	Power Plant Folisyn	Multi-Marketing Corp.	
AP	Fertilizer & Soil Amendments	Iron Sulfate	Ferrous Sulfate Monohydrate 31.5%	Mineral King Minerals, Inc.	Soil deficiency must be documented by testing.
AP	Fertilizer & Soil Amendments	Iron Sulfate	Ferrous Sulfate Monohydrate Granular 31.5%	Mineral King Minerals, Inc.	Soil deficiency must be documented by testing.
AP	Fertilizer & Soil Amendments	Kelp	Ocean Crop Plus	Algro Farms	
AP	Fertilizer & Soil Amendments	Kelp	Organic TRIGGRR	Westbridge Ag. Products	
AP	Fertilizer & Soil Amendments	Kelp	Power Plant Kelp	Multi-Marketing Corp.	
AP	Fertilizer & Soil Amendments	Kelp	Walt's Kelp Meal (4-1-8)	Walt's Organic Fertilizer Co., Inc.	
AP	Fertilizer & Soil Amendments	Limestone	Calpril	Pacific Calcium, Inc.	

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Status	Type of Product	Sub-Type	Brand Name	Company	Restrictions
AP	Fertilizer & Soil Amendments	Limestone	Dolopril	Pacific Calcium, Inc.	
AP	Fertilizer & Soil Amendments	Limestone	Limestone Flour	Ash Grove Cement Company	
AP	Fertilizer & Soil Amendments	Limestone	Organic BioLink Cal Plus	Westbridge Ag. Products	
AP	Fertilizer & Soil Amendments	Limestone	Walt's Agricultural Limestone Flour	Walt's Organic Fertilizer Co., Inc.	
AP	Fertilizer & Soil Amendments	Magnesium Sulfate	Magna Grow	PQ Corp.	Soil deficiency must be documented by testing
AP	Fertilizer & Soil Amendments	Mined Mineral	AL-U-Grow (0-0-4) +10S +1.5Fe	D.C. Minerals, Inc.	
AP	Fertilizer & Soil Amendments	Mined Mineral	AL-U-Grow + (0-0-2) +12.5S +2.5Fe	D.C. Minerals, Inc.	
AP	Fertilizer & Soil Amendments	Mined Mineral	DC Soil Conditioner (0-0-0) +12S +7.6Fe	D.C. Minerals, Inc.	
AP	Fertilizer & Soil Amendments	Mined Trace Mineral Fertilizer (Ca, Mg, S, B, Fe, Co, Mo)	Planters II	Algro Farms	
AP	Fertilizer & Soil Amendments	Peat Moss	Creation Organics - Peat Moss	Wright Brothers Investments, Inc.	
AP	Fertilizer & Soil Amendments	Potting Soil	Peaco Organic Potting Soil	Peaco Peat Moss	
AP	Fertilizer & Soil Amendments	Prilled Gypsum	100% Organic Prilled Gypsum	Agro Minerals Fertilizer	
AP	Fertilizer & Soil Amendments	Rock Phosphate	Black Gold Phosphate (0-3-0)	Soda Springs Phosphate	
AP	Fertilizer & Soil Amendments	Rock Phosphate	Montana Natural Rock Phosphate	Pacific Calcium, Inc.	
AP	Fertilizer & Soil Amendments	Rock Phosphate	Vol Cana Phos	Midwestern Bio-Ag (formerly R.O.W. Enterprises)	
AP	Fertilizer & Soil Amendments	Soy Broth	E-325 Bloomtime Foliar Feed	Northwest Agricultural Products, Inc.	
AP	Fertilizer & Soil Amendments	Sulfate of Potash	Crop Finish (0-0-52)	Genesis Agri Products	
AP	Fertilizer & Soil Amendments	Sulfate of Potash Magnesia	K-Mag Granular Natural Crystals (0-0-22)	IMC USA, Inc.	
AP	Fertilizer & Soil Amendments	Sulfur	Agiva Ultra/ Keg River 85% Degradable Elemental Sulfur	Keg River Chemical Corp.	
AP	Fertilizer & Soil Amendments	Sulfur	Nutra-Sul - Keg River 90% Degradable Elemental Sulfur	Keg River Chemical Corp	
AP	Fertilizer & Soil Amendments	Sulfur	Tiger Organic - Sulfur 90%	Tiger Industries	
AP	Fertilizer & Soil Amendments	Worm Castings and Live Worms	Steam Boat Island Worm Farm's - Worm Castings	Steam Boat Island Worm Farm	
AP	Fertilizer & Soil Amendments	Zinc Sulfate	Blu-Min Liquid Zinc Sulfate	Bay Zinc Co., Inc.	Soil deficiency must be documented by testing.
AP	Fertilizer & Soil Amendments	Zinc Sulfate	Blu-Min Zinc Granular with Sulfur	Bay Zinc Co., Inc.	Soil deficiency must be documented by testing.
AP	Fertilizer & Soil Amendments	Zinc Sulfate	Blu-Min Zinc-Powder with Sulfur	Bay Zinc Co., Inc.	Soil deficiency must be documented by testing.
AP	Fertilizer & Soil Amendments	Zinc Sulfate	Liquid Zinc 10%	Monterey Chemical Co.	Soil deficiency must be documented by testing.

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Status	Type of Product	Sub-Type	Brand Name	Company	Restrictions
AP	Fertilizer & Soil Amendments	Zinc Sulfate	Zinc Sulfate Monohydrate 35.5%	Mineral King Minerals, Inc.	Soil deficiency must be documented by testing.
AP	Fertilizer & Soil Amendments	Zinc Sulfate	Zinc Sulfate Monohydrate Granular 35.5%	Mineral King Minerals, Inc.	Soil deficiency must be documented by testing.
AP	Fertilizer & Soil Amendments	Zinc Sulfate	Foli-Gro Zinc 10%	Wilbur-Ellis Co.	
AP	Fertilizer & Soil Amendments	Zinc Sulfate	Mora-Leaf Dormant Zinc 35% with Sulfur	Wilbur-Ellis Co.	Soil deficiency must be documented by testing.
AP	Post Harvest Material	Biological Fungicide	Aspire Biofungicide	Ecogen, Inc.	
AP	Post Harvest Material	Biological Fungicide	Bio-Save 10 LP	Village Farms (formerly EcoScience)	Label use only
AP	Post Harvest Material	Biological Fungicide	Bio-Save 100	Village Farms (formerly EcoScience)	Label use only
AP	Post Harvest Material	Chlorine Dioxide	Oxine	Bio-Cide International, Inc.	
AP	Post Harvest Material	Chlorine Dioxide	Purogene	Bio-Cide International, Inc.	
AP	Post Harvest Material	Chlorine Dioxide Activator	Activator C	CH2O, Inc.	
AP	Post Harvest Material	Chlorine Dioxide Activator	Color Guard - (only lots dated after 12/1/00 are approved)	CH2O, Inc.	
AP	Post Harvest Material	Chlorine Dioxide Activator	Organic Detergent C	CH2O, Inc.	
AP	Post Harvest Material	Chlorine Dioxide Activator	Organic Pak II	CH2O, Inc.	
AP	Post Harvest Material	Chlorine Dioxide Precursor	IVR-OX 7.5	CH2O, Inc.	
AP	Post Harvest Material	Chlorine Dioxide Precursor	IVR-SAN 15	CH2O, Inc.	
AP	Post Harvest Material	Ethylene Removal	CJS Ethylene Filters (Sachets)	CJS Ethylene Filters	
AP	Post Harvest Material	Ethylene Removal	Ethylene Control	Ethylene Control, Inc.	
AP	Post Harvest Material	Ethylene Removal	Super Fresh	Ethylene Control, Inc.	
AP	Post Harvest Material	Hydrogen Dioxide	Storox	BioSafe Systems	Label use only

2003 BNML Contact List

<i>Company Name</i>	<i>Contact Name</i>		<i>Phone</i>	<i>Web Address</i>
Aberdeen Rd. Co. d.b.a. Hercon	Kristi	Peck	(717) 764-1192	
Acadian AgriTech	Brad	Conrad	(902) 468-2840	www.acadianagritech.com
Advanced Microbial Solutions, LLC	Dr.	N. Ames	(940) 686-5545	www.superbio.com
Ag Formulators, Inc.	Don	Holbrook	(559) 485-0114	www.bestsulfurproducts.com
AgraQuest, Inc.	Ralph	Riggs	(530) 750-0150	www.agraquest.com
Agri-Gro Marketing, Inc.	Tim	Tesreau	(573) 996-7384	www.agrigro.com
Agriliance, LLC	Annelle	Finstad	(651) 451-5416	
Agrimar, Corp.	Edward	Hensley	(770) 965-0220	www.goamar.com
Agro Logistic Systems, Inc.	Shyam	Chari	(909) 860-9887	www.agrologistic.com
Agro Minerals Fertilizer	Duane	Holbert	(509) 486-1834	
Algro Farms	Merle	Smith	(509) 697-7621	
American BioDynamics, LLC	Joe	Hautzinger	(800) 590-7645	
Ampel Co.	Bill	Oertel	(515) 278-5900	www.ampelcorp.com
Art Wilson Co.	John	Mahan	(775) 882-0700	www.awgypsum.com
Arysta LifeScience America, Inc.	Linda	Bruton	(212) 698-5103	
Ash Grove Cement Company	Gary	Wright	(503) 286-1677	www.ashgrove.com
Auxein, Co.	Olav	Messerschmid	(517) 882-7370	www.auxein.com
Baicor, Inc.	Mike	Miller	(435) 752-2475	www.baicor.com
Bay Zinc Co., Inc.	Jennifer	Clemenson	(509) 248-4911	www.bayzinc.com
Bell Laboratories, Inc.	Joni	Abrams	(608) 241-0202	www.belllabs.com
Bella Coola Fisheries	Michelle	Vecchio	(604) 583-3474	www.belcofish.com
Bio-Cide International, Inc.	Steven	Goodspeed	(405) 329-5556	www.bio-cide.com
Bio-Oregon, Inc.	Walter	Kost	(800) 962-2001	www.bio-oregon.com
Biotepp, Inc.	Jack	Drolet	(418) 626-7628	
BioWorks, Inc.	Robert	Brown	(315) 781-1703	www.bioworksbiocontrol.com
California Organic Fertilizers, Inc.	Deborah	Stemwedel	(559) 585-4705	www.organicag.com
Cascade Distributing Co.	Mike	Hodge	(509) 663-3461	
Cedar Grove Composting, Inc.	Suzanne	Lezer	(877) 764-5748	www.cedar-grove.com
Cellu-con, Inc.	Duane	Hilty	(559) 568-0190	www.cellucon.com
Cerexagri Inc.	Rebecca	Clemmer	(610) 491-2811	www.cerexagri.com
Certis USA, LLC	Christine	Dively	(301) 483-3806	www.certisusa.com
CH2O, Inc.	Joyce	Prindle	(360) 943-6063	
Chamberlin Distributing	Del	Vanderhoff	(509) 663-7151	

<i>Company Name</i>	<i>Contact Name</i>		<i>Phone</i>	<i>Web Address</i>
Champon Millennium Chemicals,	Louis	Champon	(703) 426-8640	www.champon.com
Cillus Technology, Inc.	B.W.	Ryu	(562) 623-1905	
Cito Enterprises, Inc.	Clifford	Owen	(253) 537-4136	
CJS Ethylene Filters	Claude	Jensen	(559) 875-6600	www.cjsethylenefilters.com
CK Life Sciences Limited	Katherine	Sidener	(206) 524-2414	
Classic Seafoods, Inc.	John	Cowan Jr.	(360) 268-0565	www.hi-crop.com
Crocker's Fish Oil, Inc.	Paul	Crocker	(509) 787-4953	
D.C. Minerals, Inc.	Dale	Fought	(775) 937-2286	
Decco, Cerexagri Inc	Sukas	Wartanessian	(626) 359-8240	www.cerexagri.com
Diatect International Corp.	Dave	Andrus	(435) 657-4370	www.diatect.com
Dow AgroSciences LLC- State	Brian	Bret, PH.D	(800) 892-6740	www.dowagro.com
Dynamite Marketing, Inc.	Russ	McCrea	(208) 887-9410	
Ecogen, Inc.	Gary	Libman	(505) 867-8154	www.ecogen.com
Englehard Corp.	Dennis	Sekutowski	(732) 205-6116	www.surround.engagehard.com
Ethylene Control, Inc.	David	Anthony	(559) 896-1909	www.ethylenecontrol.com
Fine Agrochemicals Ltd	David H.	Dawe	(559) 292-5758	
Fresh Mark Corp.	David	Hall	(352) 429-4171	www.globalfresh.com
G.S. Long Co., Inc.	Aaron	Avila	(800) 338-5664	www.gslong.com
Garlic Research Labs, Inc.	Bill	Brock	(818) 889-4192	www.garlicbarrier.com
Genesis Agri Products	Aaron	Avila	(877) 558-8887	
Georgia-Pacific West, Inc.	Erica	Shepard	(360) 733-4410	www.gp.com/chemicals/lignosulfonat
Global Recycling	J.W.	Heward	(360) 676-7844	www.kellygreen.net
Gowan, Co.	Rebecca	Lamas	(928) 819-1531	www.gowanco.com
Greenacres Gypsum & Lime Co.	Rick	Gardner	(509) 924-5550	
Griffin Industries, Inc.	Beth	Deckert	(859) 572-2564	www.naturesafe.com
Griffin LLC	Mary Ann	Eason	(229) 293-4242	www.griffinllc.com
Gunnison Gypsum	D.	Miller	(509) 467-9832	www.nugro.com
Gustafson LLC	Dennis	McFadden	(972) 985-8877	www.gustafson.com
Helena Chemical Co.	Mandy K.	Styles	(901) 752-4420	www.helenachemical.com
Hendrikus Schraven Organics	Tina C	Peterson	(425) 392-9977	www.hendrikusorganics.com
Horizon Ag-Products	David	Bowers	(509) 736-0951	www.horizonag.com
Husch & Husch, Inc.	Dick	Fraley	(509) 848-2951	
IJO Products, LLC	Dr.	Dunbar	(559) 221-6048	www.ijoproducts.com
IMC USA, Inc.	Ada	Lavin	(863) 428-7107	www.imcglobal.com

<i>Company Name</i>	<i>Contact Name</i>		<i>Phone</i>	<i>Web Address</i>
Institute of Aquatic & Agri. Science	Jim	Thompson	(206) 285-6510	
J&D Fertilizer, Ltd.	Shane	Stutzman	(503) 266-4610	www.stutzmanenvironmental.com
JH Biotech, Inc.	Tom	Dullam	(805) 650-8933	www.jhbiotech.com
JMS Flower Farms, Inc.	Jeff	Simons	(561) 567-9241	www.stylet-oil.com
Kalo, Inc.	Chuck	Champion	(913) 491-9154	www.kalo.com
Keg River Chemical Corp	Samantha	Zemlak	(888) 512-2121	
LignoTech USA, Inc.	Dr. Stuart	Lebo	(715) 359-6544	www.ltus.com
LipoScience International, LLC	Mike	Hodge	(509) 664-1864	
Lubrizol Foam Control Additives	Anthony	Grzemski	(307) 634-7699	
Martin Marietta Technologies Corp.	David	Jahn	(513) 701-1140	
MGK, Co.	Don	SunQuist	(763) 544-0341	
Micro Flo Co.	Pam	Bruce	(901) 432-5000	www.microflocompany.com
Midwestern Bio-Ag	Don	Gilbertson	(608) 437-4994	www.midwesternbioag.com
Miller Chemical & Fertilizer Corp.	Andrew	Smith	(717) 632-8921	
Mineral King	Jen	Kearney	(559) 582-9228	
Mirana International Natural	HR	Farazian	(310) 791-0905	
Montana Sulfur & Chemical Co.	Susan	Bialas	(406) 252-9324	www.montanasulfur.com
Monterey Chemical Co.	Lynn	Georges	(559) 499-2100	www.montereychemical.com
Multi Marketing Corp.	Jim	Akers	(252) 535-6500	
Mycotech Corp.	Gary	Libmann	(406) 782-2386	
Natural Industries, Inc.	Matt	Kowalski	(281) 580-1643	www.naturalindustries.com
Natures Nutrients	Mick	Koehn	(509) 429-0123	
Neilson Farms	Mike	Neilson	(360) 983-8125	
North Pacific Trading	Darren	MacFarlane	(800) 461-3477	www.gypsumsales.com
Northeast Organics, Inc.	Ronald	Athanas	(978) 526-7888	www.neorganics.com
Northwest Agr. Products for Wilbur Ellis	David	Bergevin	(509) 547-8234	www.nap-chem.com
Northwest Agricultural Products,	Alan	Wicks	(509) 547-8234	www.nap-chem.com
Nufarm Americas, Inc.	Jim	Yowell	(281) 295-0100	www.nufarm.com
NutriAg Ltd.	Mark	Mcmillan	(416) 636-1555	www.plaaskem.co.za
Nutrient Technologies, Inc.	Jeff	Reimche	(559) 595-8090	www.techflo.com
OBC Northwest, Inc.	Raymond	Scesa	(503) 266-2021	www.obcnw.com
Omega Protein, Inc.	Becky	Raiford	(503) 345-5553	
Optimum Yield, Inc.	Thomas	Larimer	(513) 722-0105	
OR-CAL, Inc.	George	Baker	(541) 689-4413	

<i>Company Name</i>	<i>Contact Name</i>		<i>Phone</i>	<i>Web Address</i>
P.B.T. , Inc. dba Plant Biotech	Sally	Mayeux	(505) 894-4900	
Pacific BioControl Corp.	Kathy	Bolan	(707) 433-4397	
Pacific Calcium, Inc.	Jenifer	Stephan	(509) 486-1201	
Peaco Peat Moss	Ted	Tompkins	(406) 849-5729	
Perfect Blend LLC	Daniel T.	Hazen	(425) 456-8890	www.perfect-blend.com
Phero Tech, Inc.	Stephen	Burke	(800) 665-0076	www.pherotech.com
Pierce County Composting	Carrie	Gregory	(253) 875-2104	
Pioneer Commodities & Trucking	Penny	Meenderinck	(509) 839-7008	
Plant Health Technologies	Lisa	Strong	(209) 858-2511	
Port Organic Products	Ken	Nelson	(661) 339-9384	
Power Plant 2003	Derek &	Tanabe	(206) 229-6528	
PQ Corp.	B.	Powel	(610) 651-4308	
R&A Plant/Soil, Inc.	Ron	Johnson	(509) 545-6867	
Regreen Solutions, Inc.	Shen-Yua	Chen	(909) 594-6318	www.re-green.com
Richlawn Turf Food, Inc.	Rhea	Hoops	(303) 659-6003	
RNA Corp.	Carrie	Tuttle	(559) 693-4520	
Robinson Distributing	Jason	Robinson	(509) 839-5842	
RSA MicroTech, Inc.	ERIN	LONG	(360) 757-1122	
Scentry Biologicals	Mike	Whalen	(406) 245-3016	www.scentry.com
Soda Springs Phosphate	John	Hatfield	(208) 547-3494	
Soil Conditioners, Inc.	Gary	Clark	(509) 829-5733	
Steam Boat Island Worm Farm	Alexander	Wiser	(360) 791-0594	
Steri-Seal of Washington, Inc.	Wendy	Baker	(509) 663-6212	
Stine Microbial Products	Jerry	Reichling	(800) 362-2510	
Sun Gro Horticulture	Blair	Busenbark	(425) 450-9379	www.sungro.com
Sustane/Natural Fertilizer of	Chris	Hogan	(507) 263-3003	www.sustane.com
Suterra, LLC ,	Trace	Tipton	(541) 317-2216	www.suterra.com
Syngenta Crop Protection, Inc.	Patrick	McCain	(336) 632-7317	
T&J Enterprises	Thomas	Giannou	(509) 327-7670	www.tandjenterprises.com
Tainio Technology and Technique,	Teena	Kreymer-Taini	(509) 747-5471	www.tainio.com
Tetra Micronutrients, Inc.	Geri	McQueen	(281) 364-2247	
The Center for Holistic Advanced	Scott	Titus	(360) 384-5348	www.intrepidproducts.net
The Dolsen Companies	Kevin	Krieger	(509) 248-2831	
Tiger Industries	Jeff	Blatz	(403) 279-2616	www.tigerind.com

<i>Company Name</i>	<i>Contact Name</i>		<i>Phone</i>	<i>Web Address</i>
Trece Inc.	Jeff	Downs	(559) 285-8448	
UAP Northwest	Greg	Jackson	(509) 545-1865	www.uap.com
Uncle Ian's Enterprises	John	Turner	(425) 277-0320	
US Borax, Inc.	Tracey	Branch	(661) 287-5435	www.borax.com
Valent BioSciences Corp.	Dirk	Ave	(847) 968-4722	www.valentbiosciences.com
Valent USA Corp.	Vickie	Laughlin	(925) 256-2739	
Village Farms	Lucie	Grant	(407) 682-8542	www.ecoscience.com
Vital Earth Resources	Paul	Syltie	(903) 845-2163	www.vitalearth.com
Walt's Organic Fertilizer Co., Inc.	Walt	Benecki	(206) 297-9092	www.waltsorganic.com
Washington State University	Lee A	Hadwiger	(509) 335-3751	
Westbridge Ag. Products	Bethany	Hulcy	(760) 599-8855	www.westbridge.com
Western Farm Service, Inc.	Dunya	Haproff-Fond	(559) 438-6133	www.westernfarmservice.com
Wilbur-Ellis Co.	Linda	Pearce	(559) 457-2235	www.wilbur-ellis.com
Windy Meadow Nursery	Scott	Titus	(360) 384-5348	www.coco-coir.com
Wright Brothers Investments, Inc.	Douglas	Wright	(360) 432-9655	
Xeda Americas, Inc.	Sri	Pfuntner	(909) 680-0839	
Yelm Earthworm & Castings Farm	Peggy	Ledyard	(360) 894-0707	www.yelmworms.com
Young BioProducts	Jeff	Young	(207) 874-2415	